

KAYO
Group

wilson



INDUSTRIAL GAS
WELDING
& **CUTTING**



PROFESSIONAL EQUIPMENT



EN ISO
2503 / 5172 / 5175



Australia Std
4267 / 4603



www.kayo.com.tw

Who is Wilson?

Wilson Technical Inc. is a subsidiary of Kayo Products Co., Ltd Group. Kayo has devoted to selling gas welding and cutting equipment worldwide for over 44 years. Kayo set up Wilson technical Inc. in 2014 in Taiwan.

Where is Wilson

Wilson locates in Tainan, south Taiwan. Tracting 4000 Sq.meters. 100 employee working hard in a 4 story building. All of products MADE IN TAIWAN.

How is Wilson Quality

Wilson is certified to ISO 9001:2015 quality control system application to R&D, Manufacturing, Sales, Financial and Service activity.

Wilson products including industrial gas regulators and torches are UL and CUL listed. We perform high quality control standard to produce high quality products and offer the best price with excellent service.

Where Wilson selling to

Our products are sold worldwide. You can contact us for available sales point.

What is our business concept

Customer first. Quality priority. To manage a case, we should consider how to manufacture proper quality products, how to deliver properly to customer, how to supply sufficient function to end user. Everybody wins, this is the business.



OUTFITS

01



REGULATORS

13

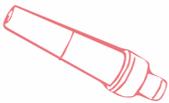
- Single Stage Regulator
- Two Stage Regulator (P.26)
- High Pressure Regulator
- Flowgauge Regulator
- Flowmeter Regulator



TORCHES

29

- Cutting Attachment & Torch Handle
- Hand Cutting Torch
- Machine Torch
- Welding & Heating Torch



TIPS

41

- Cutting Tip
- Welding & Heating Tip
- Mixer



FLASHBACK ARRESTORS

56



ACCESSORIES

59

- Quick Coupling, Hose & Connection, Wrench
- Welding Protection
- Pressure Gauge, Micro Torch



OXY-HYDROGEN

67

KVHB-21 POWER KIT

Heavy Duty V STYLE

Cuts up to 8" (200mm)
Welds up to 1/2" (12.7mm) steel



POWER KIT packed in a strong stainless steel working case. Heavy duty regulators give you stable gas flow. High quality cutting attachment provides high performance and anti-flashback function.



Contents

Oxygen Regulator
KV450-100-OX

Acetylene Regulator
KV450-15-AC

Cutting Attachment
KV-2450

Optional
Cutting Attachment
KV-2460 (P.30)

Net Weight 13.5 kgs

Torch Handle
KV-315

Acetylene Cutting Tip
1-1-101

Acetylene Welding Tip
W-1
W-3
W-5

Acetylene Heating Tip
MFA-8

Optional
Flashback Arrestor
F611-OX
F611-AC

Check Valve
88-3FGR
88-3FGL

Hose
KY-TH 20 Fts
1/4" w/fittings

Goggle
KWG370

Tip Cleaner
KY-309

Spark Lighter
KY-901



KVHP-21 GIANT KIT

Heavy Duty V STYLE

Cuts up to 8" (200mm)
Welds up to 1/2" (12.7mm) steel

GIANT KIT packed in plastic case. Heavy duty regulators give you stable gas flow. High quality cutting attachment provides high performance and anti-flashback function.

Net Weight 10.3 kgs

Contents

Oxygen Regulator

KV450-100-OX

Acetylene Regulator

KV450-15-AC

Cutting Attachment

KV-2450

Optional

Cutting Attachment

KV-2460 (P.30)

Torch Handle

KV-315

Acetylene Cutting Tip

1-1-101

Acetylene Welding Tip

W-1

W-3

W-5

Acetylene Heating Tip

MFA-8

Optional
Flashback Arrestor

F611-OX

F611-AC

Check Valve

88-3FGR

88-3FGL

Hose

KY-TH 20 Fts

1/4" w/fittings

Goggle

KWG370

Tip Cleaner

KY-309

Spark Lighter

KY-901



KVHB-32 PREMIUM KIT

Heavy Duty V STYLE
Economic

Cuts up to 8" (200mm)
Welds up to 1/2" (12.7mm) steel

PREMIUM KIT contains heavy duty components suitable for welding and cutting. Function is similar to Power kit, but use KV350 series regulator and individual welding tip and cutting tip each provides lower cost but still perform excellently. Good for commercial field.

Net Weight 9.5 kgs

Contents

- | | |
|---|--|
| Oxygen Regulator KV350-100-OX | Optional Flashback Arrestor F611-OX F611-AC |
| Acetylene Regulator KV350-15-AC | Check Valve 88-3FGR 88-3FGL |
| Cutting Attachment KV-2450 | Hose KY-TH 15 Fts 1/4" w/fittings |
| Optional Cutting Attachment KV-2460 (P.30) | Goggle KWG370 |
| Torch Handle KV-315 | Tip Cleaner KY-309 |
| Acetylene Cutting Tip 1-1-101 | Spark Lighter KY-901 |
| Acetylene Welding Tip W-2 | |
| Optional Acetylene Heating Tip MFA-6 MFA-8 MFA-10 MFA-12 MFA-15 | |



KVMB-20 ECONO KIT

Medium Duty V STYLE

Cuts up to 6" (150mm)
Welds up to 3/8" (9mm) steel

ECONO KIT, medium duty, offers convenient carry and storage; functions as reliable as KVMB-22. But only W-1-0 welding tip available. Heating tip excluded to be more economized. Full accessories give you instant welding, cutting and brazing.

Net Weight 7.5 kgs

Contents

Oxygen Regulator
KV250-100-OX

Acetylene Regulator
KV250-15-AC

Cutting Attachment
KV-1350

Torch Handle
KV-100

Acetylene Cutting Tip
0-3-101

Acetylene Welding Tip
W-1-0

Optional
Acetylene Heating Tip
MFA-1-4
MFA-1-6
MFA-1-8

Optional
Flashback Arrestor
F611-OX
F611-AC

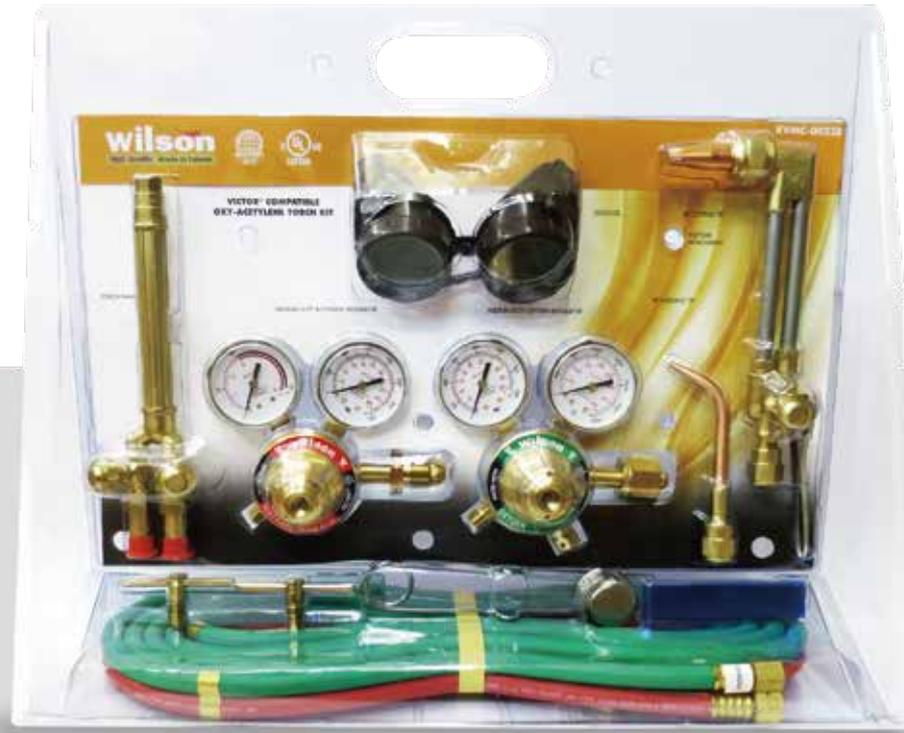
Check Valve
88-3FGR
88-3FGL

Hose
KY-TH 12.5 Fts
1/4" w/fittings

Goggle
KWG370

Tip Cleaner
KY-309

Spark Lighter
KY-901



KVMC-20 COMMON KIT

Medium Duty V STYLE

Cuts up to 6" (150mm)
Welds up to 3/8" (9mm) steel

COMMON KIT, medium duty, offers convenient carry and storage; functions as reliable as KVMB-22. But only W-1-0 welding tip available. Heating tip excluded to be more economized. Full accessories give you instant welding, cutting and brazing.

Net Weight 7.5 kgs

Contents

- | | |
|---|---|
| Oxygen Regulator KV250-100-OX | Optional Flashback Arrestor F611-OX F611-AC |
| Acetylene Regulator KV250-15-AC | Check Valve 88-3FGR 88-3FGL |
| Cutting Attachment KV-1350 | Hose KY-TH 12.5 Fts 1/4" w/fittings |
| Torch Handle KV-100 | Goggle KWG370 |
| Acetylene Cutting Tip 0-3-101 | Tip Cleaner KY-309 |
| Acetylene Welding Tip W-1-0 | Optional Acetylene Heating Tip MFA-1-4 MFA-1-6 MFA-1-8 |
| | Spark Lighter KY-901 |



KVMB-22 FAVOR KIT

Medium Duty V STYLE

Cuts up to 6" (150mm)
Welds up to 3/8" (9mm) steel

FAVOR KIT, medium duty, offers convenient carry and storage, also reliable function. Our regulator in encapsulated HD valve provides stable flow and safer working. Full accessories let you work immediately to weld, cut and braze.

Net Weight 10.2 kgs

Contents

Oxygen Regulator
KV250-100-OX

Acetylene Regulator
KV250-15-AC

Cutting Attachment
KV-1350

Torch Handle
KV-100

Acetylene Cutting Tip
0-3-101

Acetylene Welding Tip
W-1-0
W-1-2
W-1-4

Acetylene Heating Tip
MFA-1-6

Optional
Flashback Arrestor

F611-OX
F611-AC

Check Valve
88-3FGR
88-3FGL

Hose
KY-TH 15 Fts
1/4" w/fittings

Goggle
KWG370

Tip Cleaner
KY-309

Spark Lighter
KY-901



Contents

Oxygen Regulator
KH25-100-OX

Acetylene Regulator
KH25-15-AC

Cutting Attachment
KH 73-2

Torch Handle
KH 63-2

Mixer
E-43

Acetylene Cutting Tip
6290-1

Acetylene Welding Tip
KHC-W0
KHC-W1
KHC-W3

Optional
Acetylene Heating Tip
J-63-1
J-63-2

Optional
Flashback Arrestor
F611-OX
F611-AC

Check Valve
88-3FGR
88-3FGL

Hose
KY-TH 15 Fts
1/4" w/fittings

Goggle
KWG340

Tip Cleaner
KY-309

Spark Lighter
KY-901

Net Weight 10.2 kgs



KHTB-23 COMFORT KIT

Medium Duty H STYLE

Cuts up to 6" (150mm)
Welds up to 3/8" (9mm) steel

COMFORT KIT is a convenient carrying and storage outfit. Providing reliable function with valuable quality technology. Our regulator in encapsulated HD valve supply stable flow and pressure. Compact cutting torch can be flashback free and economize gas consuming in welding and cutting.



KHCB-23 GLORY KIT

Medium Duty H STYLE

Cuts up to 6" (150mm)
Welds up to 3/8" (9mm) steel

GLORY KIT packed in a tool bag offers a convenient carrying and storage.

Quality and function exact the same as KHTB-23 and outfit content is also the same.

Net Weight 8.7 kgs

Contents

Oxygen Regulator
KH25-100-OX

Acetylene Regulator
KH25-15-AC

Optional Oxygen Regulator
KH101-100-OX
Acetylene Regulator
KH101-15-AC

Cutting Attachment
KH 73-2

Torch Handle
KH 63-2

Mixer
E-43

Acetylene Cutting Tip
6290-1

Acetylene Welding Tip
KHC-W0
KHC-W1
KHC-W3

Optional Acetylene Heating Tip

J-63-1
J-63-2

Optional Flashback Arrestor

F611-OX
F611-AC

Check Valve
88-3FGR
88-3FGL

Hose
KY-TH 15 Fts
1/4" w/fittings

Goggle
KWG340

Tip Cleaner
KY-309

Spark Lighter
KY-901

Wrench
K-63-8

Conformity with AS4267
EN ISO 5172

KGB-24 IRON MAN KIT

CIGWELD STYLE

Cuts up to 8" (200mm)
Welds up to 1/2" (12.7mm) steel

IRON MAN KIT contains full component of gas welding, cutting and heating is suitable for Australian market. Packed in a strong steel working box offers easy carrying, storage and immediate use. Regulators built with HD encapsulated seat. Cutting handle control valve built in 5 section assembly parts make this kit a flexible and excellent flame tuning.



Contents

Oxygen Regulator
KH25-10M-OX

Acetylene Regulator
KH25-1.5M-AC

Optional
Oxygen Regulator
KH101-10M-OX
KH25E-10M-OX
KH101E-10M-OX

Acetylene Regulator
KH101-1.5M-AC
KH25E-1.5M-AC
KH101E-1.5M-AC

Cutting Attachment
KCG-242

Torch Handle
KCG-241

Mixer
KCG-243

Acetylene Cutting Tip
41-8
41-12
41-15

Acetylene Welding Tip
551-8
551-10
551-12
551-15
551-20

Optional
Acetylene Heating Tip
KCG-H

Optional
Flashback Arrestor
F611-OX
F611-AC

Hose
KY-TH 10M
5mm w/fittings

Optional
Cylinder Key
KCG-SP2

Goggle
KWG340

Tip Cleaner
KY-309

Spark Lighter
KY-901

Wrench
KCG-SP

Net Weight 12 kgs



KAFB-25 WARRIOR KIT

Medium Duty AFROX STYLE

Cuts up to 200mm
Welds up to 9mm steel

WARRIOR KIT packed in a strong working box offers a convenient carrying storage, and contain reliable regulators and high quality cutting and welding torches. Suitable for industrial fields like mining, milling area. Regulators with encapsulated HD valve supply stable flow and pressure. Compact brass torches and handles ensure accurate flame and easy adjustable. Full accessories for instant use to cut, weld and braze.

Net Weight 8.2 kgs

Contents

| | |
|--|--|
| Oxygen Regulator KH25-10M-OX | Optional Flashback Arrestor F611-OX F611-AC |
| Acetylene Regulator KH25-1.5M-AC | Optional Check Valve 88-3FGR 88-3FGL |
| Cutting Attachment KAF-302 | Hose KY-TH 15 Fts 1/4" w/fittings |
| Torch Handle KAF-301 | Goggle KWG340 |
| Mixer KAF-303 | Tip Cleaner KY-309 |
| Acetylene Cutting Tip ANME-1 | Spark Lighter KY-901 |
| Acetylene Welding Tip KAF-W3 KAF-W5 KAF-W7 | |

CONFORMITY WITH
EN ISO 5172

KAG-X11 ELITE KIT

Light Duty AGA X11 STYLE

Cuts up to 75mm
Welds up to 9mm steel

ELITE KIT offers a convenient carrying and storage, also reliable function by valuable construction and quality technology. Compact brass torches and quick connection handle provide a simple and fast performance. Light weight and easy assembly is the main feature.

Net Weight 3 kgs



Contents

| | | |
|---|---|---|
| Cutting Attachment KAC-X11 | Acetylene Welding Tip KG11-W1 KG11-W2 KG11-W3 KG11-W4 KG11-W5 KG11-W6 | Tip Cleaner KY-309 |
| Torch Handle KAH-X11 | Check Valve 90-1FGR/90-1FGL | Wrench 4AT-A003 |
| Acetylene Cutting Tip HA411-1 HA411-2 HA411-3 | | Optional Circle Guide X11-CG (35mm) X11-CG-01 (40mm) |

CONFORMITY WITH
EN ISO 5172

KAG-X21 MARINER KIT

Medium Duty AGA X21 STYLE

Cuts up to 200mm
Welds up to 9mm steel

MARINER KIT offers a convenient carrying and storage, reliable function by valuable construction and quality technology. Full range of welding and cutting tip favorable to shipyard maintenance.

Contents

| | |
|--|---|
| Cutting Attachment KAC-X21 | Acetylene Welding Tip KG21-W1 KG21-W2 KG21-W3 KG21-W4 KG21-W5 KG21-W6 |
| Torch Handle KAH-X21 | Check Valve 90-3FGR/90-3FGL |
| Acetylene Cutting Tip ANME-1 ANME-2 ANME-3 | Circle Guide X21-CG |
| Wrench K-63-8 | Tip Cleaner KY-309 |
| Net Weight 4.6 kgs | |





Contents

Oxygen Regulator

KV155-OX
Rear Entry

Acetylene Regulator

KH155-AC
Rear Entry

Cutting Attachment

KV-1350

Torch Handle

KV-100

Cutting Tip

0-3-101

Welding Tip

W-1-0

Check Valve

88-3FGR/88-3FGL

Hose

KY-TH 12.5 Fts
3/16" w/fittings

Goggle

KWG370

Spark Lighter

KY-901



KVP-190 PORTABLE

Oxy-Acetylene V STYLE

Cuts up to 6" (150mm)
Welds up to 3/8" (9mm) steel

PORTABLE KIT includes all items of cutting, welding and brazing.

Packed in carry tote for easy storage and moving up and down in complicate working site. Suitable for air conditioning and pluming job.

Net Weight 6 kgs

Regulator

Wilson regulators are made from industrial grade material in accordance with following principles

Using highest level components, whatever like brass body and bonnet, rubber sealing, and spring.

Designed to withstand severe impact, whatever like seat and diaphragm.

Offer a wide range single stage regulator to meet different applications.

High quality with better budget.

Use encapsulated seat to maintain stable pressure output and accurate gas flow capacity. By which our regulator performs better than our competitors.

We perform 24 hours long leak test to make sure safety.



Single Stage Regulator

KV450 SERIES

Heavy Duty V STYLE · Side Entry



KV-450-OX

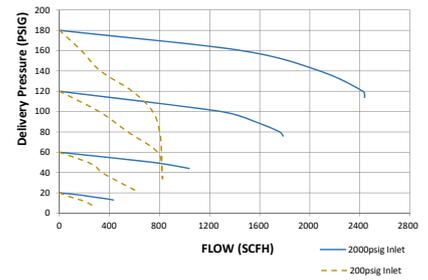
KV-450-AC

| Model | Gas | Max.Inlet Pressure (PSI) | Max.Delivery Pressure (PSI) | Inlet Connection | Outlet Connection | Certification |
|--------------|--|--------------------------|-----------------------------|------------------|-------------------|---------------|
| KV450-15-AC | Acetylene | 350 | 15 | See p.28.. more | 9/16"(M) | UL/ENISO2503 |
| KV450-50-LP | Propane | 350 | 50 | | 5/8"(M) | ENISO2503 |
| KV450-100-OX | Oxygen | 3000 | 100 | | G3/8(M) | UL/ENISO2503 |
| KV450-180-OX | | 3000 | 180 | | G1/4(M) | ENISO2503 |
| KV450-100-* | Argon/CO2/ Nitrogen/Air/ Helium/Hydrogen | 3000 | 100 | | M16(M) | UL/ENISO2503 |
| KV450-180-* | | 3000 | 180 | | (See p.60) | ENISO2503 |

• UL Pressure: Max.Delivery 100PSI

Net Weight : 2.1 kg

KV450 Flow Data



UL US LISTED CONFORMITY WITH EN ISO 2503

FEATURES

Gas Pressure Regulator ensures the best flow rate and stable pressure with built-in encapsulated HD valve seat.

High pressure regulator with safety relief valve.(external)

Drop forged fine brass body and bonnet.

Stainless steel diaphragms

2.6" gauges

Suits to severe working environment.

KV350 SERIES

Heavy Duty V STYLE · Side Entry



KV350-OX

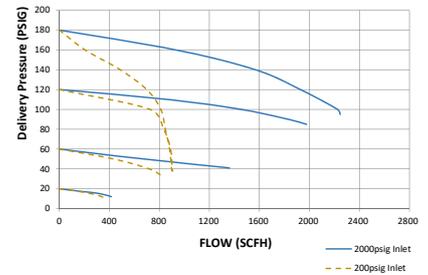
KV350-AC

| Model | Gas | Max.Inlet Pressure (PSI) | Max.Delivery Pressure (PSI) | Outlet Flowmeter | Inlet CONN. | Outlet Connection | Certification |
|---------------|--|--------------------------|-----------------------------|------------------|-----------------|-------------------|---------------|
| KV350-15-AC | Acetylene | 350 | 15 | N/A | See p.28.. more | 9/16"(M) | UL/ENISO2503 |
| KV350-50-LP | Propane | 350 | 50 | N/A | | 5/8"(M) | ENISO2503 |
| KV350-100-OX | Oxygen | 3000 | 100 | N/A | | G3/8(M) | UL/ENISO2503 |
| KV350-180-OX | | 3000 | 180 | N/A | | G1/4(M) | ENISO2503 |
| KV350-100-* | Argon/CO2/ Nitrogen/Air/ Helium/Hydrogen | 3000 | 100 | N/A | | M16(M) | UL/ENISO2503 |
| KV350-180-* | | 3000 | 180 | N/A | | (See p.60) | ENISO2503 |
| KV350-60CF-* | Argon/CO2 | 3000 | N/A | 60SCFH | | UL/ENISO2503 | |
| KV350-30LPM-* | | | 3000 | N/A | 30LPM | | UL/ENISO2503 |

• UL Pressure: Max.Delivery 100PSI
• T adjust screw or knob optional.

Net Weight : 1.74 kg

KV350 Flow Data



UL US LISTED CONFORMITY WITH EN ISO 2503

FEATURES

Gas Pressure Regulator ensures the best flow rate and stable pressure with built-in encapsulated HD valve seat.

High pressure regulator with safety relief valve.(external)

Drop forged fine brass body and bonnet.

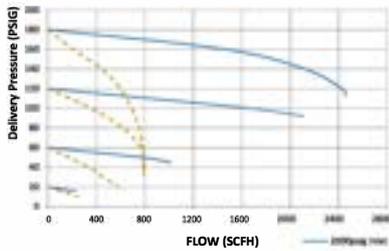
Neoprene diaphragm

2.6" gauges

Suits to severe working environment.

Single Stage Regulator

KV250 Flow Data



UL US LISTED CONFORMITY WITH **EN ISO 2503**

FEATURES

Gas Pressure Regulator ensures the best flow rate and stable pressure with built-in encapsulated HD valve seat.

High pressure regulator with safety relief valve.(external)

Drop forged fine brass body and bonnet.

Neoprene diaphragm

2.1" gauges

Compact body and bonnet for medium industrial and commercial usage.

KV250 SERIES

Medium Duty V STYLE · Side Entry



KV250-OX

KV250-AC

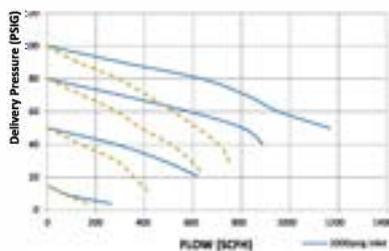
KV250-AR

| Model | Gas | Max.Inlet Pressure(PSI) | Max.Delivery Pressure(PSI) | Outlet Flowmeter | Inlet CONN. | Outlet CONN. | Certification |
|---------------|--|-------------------------|----------------------------|------------------|-----------------|--------------|---------------|
| KV250-15-AC | Acetylene | 350 | 15 | N/A | | | UL/ENISO2503 |
| KV250-50-LP | Propane | 350 | 50 | N/A | | 9/16"(M) | ENISO2503 |
| KV250-100-OX | Oxygen | 3000 | 100 | N/A | See p.28.. more | 5/8"(M) | UL/ENISO2503 |
| KV250-180-OX | | 3000 | 180 | N/A | | G3/8(M) | ENISO2503 |
| KV250-100-* | Argon/CO2/ Nitrogen/Air/ Helium/Hydrogen | 3000 | 100 | N/A | | G1/4(M) | UL/ENISO2503 |
| KV250-180-* | | 3000 | 180 | N/A | | M16(M) | ENISO2503 |
| KV250-60CF-* | Argon/CO2 | 3000 | N/A | 60SCFH | | (See p.60) | UL/ENISO2503 |
| KV250-30LPM-* | | 3000 | N/A | 30LPM | | | UL/ENISO2503 |

- UL Pressure: Max.Delivery 100PSI
- T adjust screw or knob optional

Net Weight : 1.28 kg

KV150 / KV155 Flow Data



UL US LISTED CONFORMITY WITH **EN ISO 2503**

FEATURES

A compact & economic design but the same features as larger pressure regulators.

Provides light weight, small size and better budget.

Machined brass body and housing cap.

Neoprene diaphragm

High regulator with built-in safety relief valve

2" gauges

KV155 SERIES

Light Duty V STYLE · Rear Entry



KV155-OX

KV155-AC

| Model | Gas | Max.Inlet Pressure(PSI) | Max.Delivery Pressure(PSI) | Inlet Connection | Outlet Connection | Certification |
|-------------|-----------|-------------------------|----------------------------|------------------|-------------------|---------------|
| KV155-15-AC | Acetylene | 350 | 15 | | 9/16"(M),5/8"(M) | UL/ENISO2503 |
| KV155-50-LP | Propane | 350 | 50 | See p.28.. more | G3/8(M),G1/4(M) | ENISO2503 |
| KV155-80-OX | Oxygen | 3000 | 80 | | M16(M) | UL/ENISO2503 |

- UL Pressure: Max.Delivery 100PSI
- T adjust screw or knob optional

Net Weight : 0.87 kg

KV150 SERIES

Light Duty V STYLE · Side Entry



KV150-OX

KV150-AC

| Model | Gas | Max.Inlet Pressure(PSI) | Max.Delivery Pressure(PSI) | Inlet Connection | Outlet Connection | Certification |
|-------------|-----------|-------------------------|----------------------------|------------------|--------------------|---------------|
| KV150-15-AC | Acetylene | 350 | 15 | See p.28.. more | 9/16"(M),5/8"(M) | UL/ENISO2503 |
| KV150-50-LP | Propane | 350 | 50 | | G3/8(M),G1/4(M) | ENISO2503 |
| KV150-80-OX | Oxygen | 3000 | 80 | | M16(M) See p.60 | UL/ENISO2503 |

• UL Pressure: Max.Delivery 100PSI • T adjust screw or knob optional Net Weight : 0.74 kg



FEATURES

A compact and economic design but the same features as larger pressure regulators.

Provides light weight, small size and better budget.

Machined brass body and housing cap

Neoprene diaphragm

High regulator with built-in safety relief valve

2" gauges

KV150 RH

Economic Argon/CO2 Regulator with Hose · Side Entry



KV150-AR/CO2

Net Weight : 0.74 kg



Net Weight : 1.57 kg

| Model | Gas | Max.Inlet Pressure(PSI) | Outlet Flowmeter | Inlet Connection | Outlet Connection | Hose | Certification |
|-----------------|---------------|-------------------------|------------------|--------------------|-------------------|---------------|---------------|
| KV150-60CF-* | Argon/ CO2 | 3000 | 60SCFH | See p.28.. more | 9/16"(M) | N/A | UL/ENISO2503 |
| KV150-30LM-* | | | 30LPM | | 5/8"(M)(F) | N/A | UL/ENISO2503 |
| KV150RH-60CF-* | | | 60SCFH | G1/4(M) | 3M Hose | UL/ENISO2503 | |
| KV150RH-30LPM-* | | | 30LPM | M16(M) See p.60 | 3M Hose | (Except Hose) | |

• UL Pressure: Max.Delivery 100PSI • T adjust screw or knob optional.



FEATURES

A compact and economic design but the same features as larger pressure regulators.

Provides light weight, small size and better budget.

Machined brass body and housing cap.

Neoprene diaphragm

High regulator with built-in safety relief valve.

2" gauges

CGA320/CGA580 adapter optional

KH601 SERIES

Light Duty H STYLE · Rear Entry (Side Entry Optional)



KH601-OX

KH601-AC

KH601-AR/CO2

| Model | Gas | Max.Inlet Pressure(BAR) | Max.Delivery Pressure(BAR)/(PSI) | Inlet Connection | Outlet Connection |
|---------------|---|-------------------------|----------------------------------|------------------|--|
| KH601-1.5M-AC | Acetylene | 25 | 1.5BAR/21PSI | See p.28.. more | 9/16"(M) |
| KH601-3.5M-LP | Propane | 25 | 3.5BAR/50PSI | | 5/8"(M) |
| KH601-10M-OX | Oxygen/Argon/ CO2/Nitrogen/Air/ Helium/Hydrogen | 200 | 10BAR/145PSI | | G3/8(M) G1/4(M) M16(M) See p.60 |

Net Weight : 0.72 kg



FEATURES

One-piece encapsulated seat design with internal filter to protect the PTFE Teflon seat from particulate contamination.

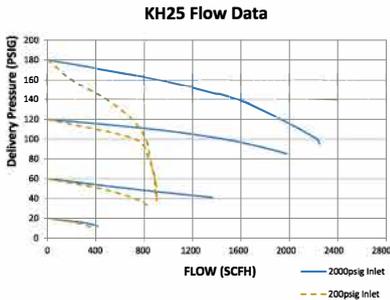
Drop forged fine brass body and bonnet.

Neoprene diaphragm

2.1" gauges.

Single Stage Regulator

KH25 SERIES Medium Duty H STYLE



BAM
CONFORMITY WITH
EN ISO 2503 / AS 4267

FEATURES

A durable regulator built with standard structure and one-piece encapsulated valve seat with internal filter to capture particles while providing stable pressure and flow.

Compact body and bonnet for **medium** industrial and commercial usage.

Neoprene diaphragm.

Drop forged brass body & chromed zinc alloy bonnet.

High pressure regulator with safety relief valve.(external)

Bottom entry and side entry optional.

KH25E (Economy type) : Brass body and black coated zinc alloy bonnet. Built-in Burst relief device.

KH25B : Bottom entry.

KH25 : 2.5" gauges

KH25B, KH25E : 2.1"gauges



KH25-OX

KH25-AC



KH25B
Bottom Entry

Net Weight 1.49 kg



KH25E-OX
Economy type



KH25E-AC
Economy type

Net Weight 1.21 kg

| Model | Gas | Max.Inlet Pressure (BAR/PSI) | Max.Delivery Pressure (BAR/PSI) | Inlet Connection | Outlet Connection | Certification | |
|---------------|------------------------------------|------------------------------|---------------------------------|--------------------|-------------------|---------------|--------------|
| KH25-15-AC | Acetylene | 350PSI | 15PSI | See p.28.. more | | UL/ENISO2503 | |
| KH25-1.5M-AC | Acetylene | 25BAR | 1.5BAR | | | ENISO2503 | |
| KH25-3.5M-LP | Propane | 25BAR | 3.5BAR | | | ENISO2503 | |
| KH25-100-* | Oxygen/Argon/ CO2/Nitrogen/Air/ | 3000PSI | 100PSI | | | UL/ENISO2503 | |
| KH25-10M-* | | 200BAR | 10BAR | | | 9/16"(M) | ENISO2503 |
| KH25-13M-* | | 200BAR | 13BAR | | | 5/8"(M) | ENISO2503 |
| KH25-15M-* | Helium/Hydrogen | 200BAR | 15BAR | | G3/8(M) | ENISO2503 | |
| KH25E-15-AC | Acetylene | 350PSI | 15PSI | | | G1/4(M) | UL/ENISO2503 |
| KH25E-1.5M-AC | Acetylene | 25BAR | 1.5BAR | | | M16(M) | ENISO2503 |
| KH25E-3.5M-LP | Propane | 25BAR | 3.5BAR | | | (See p.60) | ENISO2503 |
| KH25E-100-* | Oxygen/Argon/ CO2/Nitrogen/Air/ | 3000PSI | 100PSI | | | UL/ENISO2503 | |
| KH25E-10M-* | | 200BAR | 10BAR | | | ENISO2503 | |
| KH25E-13M-* | | 200BAR | 13BAR | | | ENISO2503 | |
| KH25E-15M-* | Helium/Hydrogen | 200BAR | 15BAR | | | ENISO2503 | |

- UL Pressure: Max.Delivery 100PSI
- T adjust screw or knob optional.
- Unit conversion : 1.4BAR~20PSI / 3.5BAR~50PSI / 7BAR~100PSI / 10BAR~145PSI / 13BAR~180PSI / 15BAR~220PSI

KH101 SERIES

Medium Duty H STYLE



KH101-OX



KH101-AC

Net Weight 1.11 kg



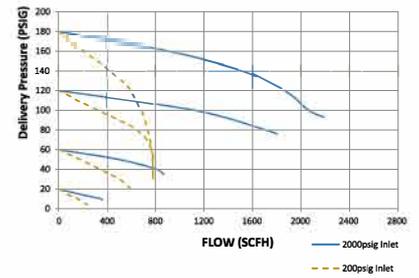
KH101E-LP
Economy type



KH101E-AR/CO2
Economy type

Net Weight 0.87 kg

KH101 Flow Data



BAM
CONFORMITY WITH
EN ISO 2503 AS 4267

FEATURES

A durable regulator built with standard structure and one-piece encapsulated valve seat with internal filter to capture particles while providing stable pressure and flow.

Compact body and bonnet for light to medium industrial and commercial usage.

Neoprene diaphragm.

Drop forged brass body & chromed zinc alloy bonnet.

Brass bonnet optional.

Safety relief valve: external and built-in optional.

Bottom entry and Side entry optional.

KH101E (Economy type) : Brass body and black coated zinc alloy bonnet. Built-in Burst relief device.

KH101B : Bottom entry.

KH101 series : 2.1" gauges

| Model | Gas | Max.Inlet Pressure (BAR/PSI) | Max.Delivery Pressure (BAR/PSI) | Inlet Connection | Outlet Connection | Certification |
|----------------|-------------------|------------------------------|---------------------------------|---|---|---------------|
| KH101-15-AC | Acetylene | 350PSI | 15PSI | G5/8 RH G5/8 LH (See p.28 ..more) | 9/16"(M) 5/8"(M) G3/8(M) G1/4(M) M16(M) (See p.60) | UL/ENISO2503 |
| KH101-1.5M-AC | Acetylene | 25BAR | 1.5BAR | | | ENISO2503 |
| KH101-3.5M-LP | Propane | 25BAR | 3.5BAR | | | ENISO2503 |
| KH101-100.* | Oxygen/Argon/ | 3000PSI | 100PSI | | | UL/ENISO2503 |
| KH101-10M.* | CO2/Nitrogen/Air/ | 200BAR | 10BAR | | | ENISO2503 |
| KH101-13M.* | Helium/Hydrogen | 200BAR | 13BAR | | | ENISO2503 |
| KH101-15M.* | | 200BAR | 15BAR | | | ENISO2503 |
| KH101E-15-AC | Acetylene | 350PSI | 15PSI | G5/8 RH G5/8 LH (See p.28 ..more) | 9/16"(M) 5/8"(M) G3/8(M) G1/4(M) M16(M) (See p.60) | UL/ENISO2503 |
| KH101E-1.5M-AC | Acetylene | 25BAR | 1.5BAR | | | ENISO2503 |
| KH101E-3.5M-LP | Propane | 25BAR | 3.5BAR | | | ENISO2503 |
| KH101E-100.* | Oxygen/Argon/ | 3000PSI | 100PSI | | | UL/ENISO2503 |
| KH101E-10M.* | CO2/Nitrogen/Air/ | 200BAR | 10BAR | | | ENISO2503 |
| KH101E-13M.* | Helium/Hydrogen | 200BAR | 13BAR | | | ENISO2503 |
| KH101E-15M.* | | 200BAR | 15BAR | | | ENISO2503 |

- UL Pressure: Max.Delivery 100PSI
- T adjust screw or knob optional.
- Bonnet color could be customized based on MOQ requirements
- Unit conversion : 1.4BAR~20PSI / 3.5BAR~50PSI / 7BAR~100PSI / 10BAR~145PSI / 13BAR~180PSI / 15BAR~220PSI

Flowgauge Regulator

KH25-LPM

For ARGON & CO₂ H STYLE



CONFORMITY WITH
EN ISO 2503

FEATURES

With KH25 series body and bonnet.

Supply constant flow of shield gas.

High pressure regulator with safety relief valve.(external)

Bottom entry and Side entry optional.

KH25-LPM: 2.5" gauges

KH25E-LPM(Economy type): 2.1" gauges



| Model | Gas | Max.Inlet Pressure(BAR) | Outlet Flowmeter | Inlet Connection | Outlet Connection |
|---------------|-------------------------|-------------------------|------------------|--------------------|---|
| KH25-30LPM-* | Argon / CO ₂ | 200 | 30LPM | See p.28.. more | 9/16"(M) 5/8"(M) G3/8(M) G1/4(M) M16(M) (See p.60) |
| KH25-50LPM-* | | | 50LPM | | |
| KH25-50CF-* | | | 50SCFH | | |
| KH25-60CF-* | | | 60SCFH | | |
| KH25E-30LPM-* | Argon / CO ₂ | 200 | 30LPM | | |
| KH25E-50LPM-* | | | 50LPM | | |
| KH25E-50CF-* | | | 50SCFH | | |
| KH25E-60CF-* | | | 60SCFH | | |

T adjust screw or knob optional.

Net Weight 1.49 kg

KH101-LPM

For ARGON & CO₂ H STYLE



CONFORMITY WITH
EN ISO 2503

FEATURES

With KH101 series body and bonnet.

Supply constant flow of shield gas.

Safety relief valve: external and built-in optional.

Bottom entry and Side entry optional.

KH101-LPM:
2.1" gauges

**KH101E-LPM
(Economy type) :**
2.1" gauges



| Model | Gas | Max.Inlet Pressure(BAR) | Outlet Flowmeter | Inlet Connection | Outlet Connection |
|----------------|-------------------------|-------------------------|------------------|--------------------|---|
| KH101-30LPM-* | Argon / CO ₂ | 200 | 30LPM | See p.28.. more | 9/16"(M) 5/8"(M) G3/8(M) G1/4(M) M16(M) (See p.60) |
| KH101-50LPM-* | | | 50LPM | | |
| KH101-50CF-* | | | 50SCFH | | |
| KH101-60CF-* | | | 60SCFH | | |
| KH101E-30LPM-* | Argon / CO ₂ | 200 | 30LPM | | |
| KH101E-50LPM-* | | | 50LPM | | |
| KH101E-50CF-* | | | 50SCFH | | |
| KH101E-60CF-* | | | 60SCFH | | |

T adjust screw or knob optional.

Net Weight 1.11 kg

Flowmeter Regulator

FL377

Flowmeter



FEATURES

Flowmeter with polycarbonate tube transparent with 360° visibility.

Precision engineered pressure compensated design.

| Model | Gas | Max. Inlet Pressure (PSI) | Outlet Flowmeter | Inlet Connection | Outlet Connection |
|---------------|-----------|---------------------------|------------------|------------------|----------------------|
| FL377-60CF-* | Argon/CO2 | 50 | 60SCFH | NPT 1/4(M) | 9/16"(M) |
| FL377-70CF-* | | | 70SCFH | 9/16"(F) | 5/8"(M) |
| FL377-15LPM-* | | | 15LPM | 5/8"(F) | G3/8(M) |
| FL377-25LPM* | | | 25LPM | G3/8(F) | G1/4(M) |
| FL377-30LPM-* | Nitrogen | | 30LPM | M16(F) | M16(M) (See p.60) |

Net Weight 0.37 kg

FM1400 / FM2400

Light Duty V STYLE Economic Flowmeter Regulator



FM2400
Diaphragm type
Net Weight 0.91 kg



FM1400
Piston type
Net Weight 0.81 kg



FM1400-RH
Net Weight 1.47 kg

UL LISTED CONFORMITY WITH **EN ISO 2503**

FEATURES

Piston type construction, combines body and flowmeter in one unit.

Light to medium duty application to TIG, MIG, MAG welding.

Outlet pressure 50PSI.

Optional for kit with 3/16"x10M hose.

FM1400 /FM2400:
1.5" gauge

FM2400 feature the same as FM1400, but outlet pressure adjustable.

| Model | Gas | Max. Inlet Pressure (PSI) | Outlet Flowmeter | Inlet Connection | Outlet Connection | Hose | Certification |
|-----------------|-----------|---------------------------|------------------|--------------------|-----------------------------------|---------|---------------|
| FM1400-25FL-* | Argon/CO2 | 3000 | 25LPM | See p.28.. more | 9/16"(M) 5/8"(M)(F) G3/8(M) | N/A | UL/ENISO2503 |
| FM1400-60CF-* | | | 60SCFH | | | N/A | UL/ENISO2503 |
| FM1400RH-25FL-* | | | 25LPM | | | 3M Hose | ENISO2503 |
| FM1400RH-60CF-* | | | 60SCFH | | | 3M Hose | ENISO2503 |
| FM2400-25FL-* | | | 25LPM | | | N/A | UL/ENISO2503 |
| FM2400-60CF-* | | | 60SCFH | | | N/A | UL/ENISO2503 |
| FM2400RH-25FL-* | | | 25LPM | | | 3M Hose | ENISO2503 |
| FM2400RH-60CF-* | | | 60SCFH | | | 3M Hose | ENISO2503 |

RH type with a 3 meter hose & fittings
70 SCFH optional

Flowmeter Regulator

FM25

Heavy Duty H STYLE



CONFORMITY WITH
EN ISO 2503

FEATURES

With KH25 series body and bonnet.

Flowmeter with polycarbonate tube transparent with 360° visibility.

Outlet pressure preset at 3.5BAR(50PSI)

2.5" gauge



| Model | Gas | Max.Inlet Pressure | Outlet Flowmeter | Inlet Connection | Outlet Connection | Certification |
|-------------|-----------|--------------------|------------------|--------------------|----------------------|---------------|
| FM25-15FL-* | Argon/CO2 | 200BAR 3000PSI | 15LPM | See p.28.. more | 9/16"(M) | ENISO2503 |
| FM25-25FL-* | | | 25LPM | | 5/8"(M) | UL/ENISO2503 |
| FM25-60CF-* | | | 60SCFH | | G3/8(M) | UL /ENISO2503 |
| FM25-70CF-* | | | 70SCFH | | G1/4(M) | UL/ENISO2503 |
| FM25-30FL-* | Nitrogen | | 30LPM | | M16(M) (See p.60) | ENISO2503 |

Net Weight 1.71 kg

FM250

Medium Duty V STYLE



CONFORMITY WITH
EN ISO 2503

FEATURES

With KV250 series body and bonnet.

Flowmeter with polycarbonate tube transparent with 360° visibility.

Outlet pressure preset at 3.5 BAR(50PSI)

MIG/TIG applications for light to medium duty

2.1" gauge



| Model | Gas | Max.Inlet Pressure | Outlet Flowmeter | Inlet Connection | Outlet Connection | Certification |
|--------------|-----------|--------------------|------------------|--------------------|----------------------|---------------|
| FM250-15FL-* | Argon/CO2 | 200BAR 3000PSI | 15LPM | See p.28.. more | 9/16"(M) | ENISO2503 |
| FM250-25FL-* | | | 25LPM | | 5/8"(M) | UL/ENISO2503 |
| FM250-60CF-* | | | 60SCFH | | G3/8(M) | UL/ENISO2503 |
| FM250-70CF-* | | | 70SCFH | | G1/4(M) | UL/ENISO2503 |
| FM250-30FL-* | Nitrogen | | 30LPM | | M16(M) (See p.60) | ENISO2503 |

Net Weight 1.49 kg

FM101

Medium Duty H STYLE



UL US LISTED CONFORMITY WITH EN ISO 2503

FEATURES

With KH101 series body and bonnet

Flowmeter with polycarbonate tube transparent with 360° visibility.

Outlet pressure preset at 3.5 BAR(50PSI)

MIG/TIG applications for light to medium duty

2.1" gauge

| Model | Gas | Max.Inlet Pressure | Outlet Flowmeter | Inlet Connection | Outlet Connection | Certification |
|--------------|-----------|--------------------|------------------|--------------------|----------------------|----------------|
| FM101-15FL-* | Argon/CO2 | 200BAR 3000PSI | 15LPM | See p.28.. more | 9/16"(M) | ENISO2503 |
| FM101-25FL-* | | | 25LPM | | 5/8"(M) | UL / ENISO2503 |
| FM101-60CF-* | | | 60SCFH | | G3/8(M) | UL / ENISO2503 |
| FM101-70CF-* | | | 70SCFH | | G1/4(M) | UL / ENISO2503 |
| FM101-30FL-* | Nitrogen | | 30LPM | | M16(M) (See p.60) | ENISO2503 |

Net Weight 1.17 kg

FM101-2FL

DUAL Flowtube H STYLE



UL US LISTED CONFORMITY WITH EN ISO 2503

FEATURES

Neoprane diaphragms flowmeter with easy to read polycarbonate tube transparent with 360° visibility.

Outlet pressure preset at 3.5 BAR(50PSI)

MIG/TIG applications for light to medium duty

2.1" gauge

| Model | Gas | Max.Inlet Pressure | Outlet Flowmeter | Inlet Connection | Outlet Connection | Certification |
|------------------|-----------|--------------------|------------------|--------------------|----------------------|---------------|
| FM101-2FL-15FL-* | Argon/CO2 | 200BAR 3000PSI | 15LPM | See p.28.. more | 9/16"(M) | ENISO2503 |
| FM101-2FL-25FL-* | | | 25LPM | | 5/8"(M) | UL/ENISO2503 |
| FM101-2FL-60CF-* | | | 60SCFH | | G3/8(M) | UL/ENISO2503 |
| FM101-2FL-70CF-* | | | 70SCFH | | G1/4(M) | UL/ENISO2503 |
| FM101-2FL-30FL-* | Nitrogen | | 30LPM | | M16(M) (See p.60) | ENISO2503 |

• FM25-2FL, FM250-2FL series specifications are the same as the table above.

Net Weight 1.55 kg

Single Stage Regulator

CONFORMITY WITH
EN ISO 2503

FEATURES

Forged KH101 brass body for maximum strength

Neoprene diaphragm

One delivery pressure gauge

2.1" gauge

KH114 SERIES

One Gauge · Side Entry
Medium Duty H STYLE

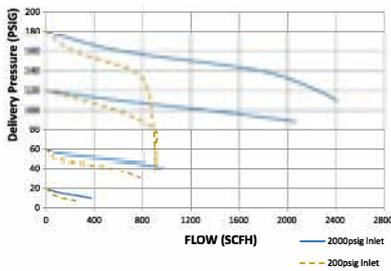


| Model | Gas | Max.Inlet Pressure(BAR) | Max.Delivery Pressure(BAR) | Inlet Connection | Outlet Connection |
|---------------|--------------|-------------------------|----------------------------|------------------|--|
| KH114-1.4M-AC | Acetylene | 25 | 1.4 | See P.28.. more | 9/16"(M), 5/8"(M), G3/8(M), G1/4(M), M16(M) (See P.60) |
| KH114-3.5M-LP | Propane | 25 | 3.5 | | |
| KH114-10M-* | Oxygen / CO2 | 200 | 10 | | |

T adjust screw or knob optional

Net Weight : 1.11 kg

KH47 Flow Data



CONFORMITY WITH
EN ISO 2503

FEATURES

For pipeline feeding industrial gas in plasma or laser application

Neoprene diaphragm

Rear entry with 1/4" NPT Female

One delivery pressure gauge

2.5" gauge

KH47 SERIES

High flow Pipeline Regulator
One Gauge · Rear Entry
H STYLE



| Model | Gas | Max.Inlet Pressure(BAR) | Max.Delivery Pressure(BAR) & Outlet Flowmeter | Inlet Connection | Outlet Connection |
|--------------|---|-------------------------|---|------------------|--|
| KH47-1.5M-* | Acetylene / Propane | 25 | 1.5BAR | NPT1/4-18N(F) | 9/16"(M), 5/8"(M), G3/8(M), G1/4(M), M16(M) (See P.60) |
| KH47-3.5M-* | Propane / Oxygen | 25 | 3.5BAR | | |
| KH47-10M-* | Oxygen/ Argon/CO2/ Nitrogen/Air/ Helium/Hydrogen | 200 | 10BAR | | |
| KH47-13M-* | | | 13BAR | | |
| KH47-15M-* | | | 15BAR | | |
| KH47-30LPM-* | | | 30LPM | | |
| KH47-50LPM-* | Argon/CO2 | 200 | 50LPM | | |

knob adjust screw

Net Weight : 1.12 kg

CONFORMITY WITH
EN ISO 2503

FEATURES

KH94 series : Brass body

2.1" gauges

KH940 BONNET : Brass

KH941 BONNET : Zinc with chromed

KH942 BONNET : Zinc alloy with black coated

KH94 SERIES

Medium Duty H STYLE
2 Gauges



| Model | Gas | Max.Inlet Pressure(BAR) | Max.Delivery Pressure(BAR) | Inlet Connection | Outlet Connection |
|--------------|---|-------------------------|----------------------------|------------------|--|
| KH942-1.5M-* | Acetylene / Propane | 25 | 1.5 | See P.28 ..more | 9/16"(M), 5/8"(M), G3/8(M), G1/4(M), M16(M) (See P.60) |
| KH942-3.5M-* | Propane / Oxygen | 25 | 3.5 | | |
| KH942-10M-* | Oxygen/ Argon/CO2/ Nitrogen/Air/ Helium/Hydrogen | 200 | 10 | | |

Net Weight : 1.41 kg

Gaugeless Regulator

KH116 SERIES

Single stage
H STYLE · Side Entry



| Model | Gas | Max.Inlet Pressure(BAR) | Max.Delivery Pressure(BAR) | Inlet Connection | Outlet Connection |
|---------------|--------------|-------------------------|----------------------------|--------------------|---|
| KH116-1.4M-AC | Acetylene | 25 | 1.4 | See P.28.. more | 9/16"(M),5/8"(M), G3/8(M),G1/4(M), M16(M) (See P.60) |
| KH116-3.5M-LP | Propane | 25 | 3.5 | | |
| KH116-10M-* | Oxygen / CO2 | 200 | 10 | | |

Knob adjust screw Net Weight : 0.72kg

CONFORMITY WITH
EN ISO 2503

FEATURES

- Light to Medium duty
- Forged KH101 brass body for maximum strength
- Chrome bonnet
- Neoprene diaphragm

KH118 SERIES

Single stage
H STYLE · Side Entry



| Model | Gas | Max.Inlet Pressure(BAR) | Max.Delivery Pressure(BAR) & Outlet Flowmeter | Inlet Connection | Outlet Connection |
|---------------|--------------|-------------------------|---|--------------------|---|
| KH118-1.5M-AC | Acetylene | 25 | 1.5 | See P.28.. more | 9/16"(M), 5/8"(M), G3/8(M), G1/4(M), M16(M) (See P.60) |
| KH118-3.5M-LP | Propane | 25 | 3.5 | | |
| KH118-10M-* | Oxygen / CO2 | 200 | 10 | | |
| KH118-30LPM-* | Argon/CO2 | 200 | 30LPM | | |

Knob adjust screw Net Weight : 0.85 kg

CONFORMITY WITH
EN ISO 2503

FEATURES

- Light to Medium duty
- Forged KH101 brass body for maximum strength
- Chrome bonnet
- Neoprene diaphragm
- Oxygen regulator with safety relief valve is set for safe operation
- Cylinder pressure shown on indicator with polycarbonate cover

KH29 SERIES

Single stage
H STYLE · Side Entry



| Model | Gas | Max.Inlet Pressure(BAR) | Max.Delivery Pressure(BAR) | Inlet Connection | Outlet Connection |
|--------------|--------------|-------------------------|----------------------------|--------------------|---|
| KH29-1.5M-AC | Acetylene | 25 | 1.5 | See P.28.. more | 9/16"(M),5/8"(M), G3/8(M),G1/4(M), M16(M) (See P.60) |
| KH29-3.5M-LP | Propane | 25 | 3.5 | | |
| KH29-10M-* | Oxygen / CO2 | 200 | 10 | | |

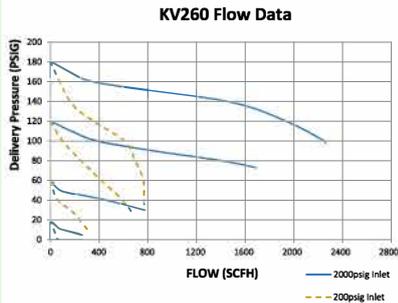
Knob adjust screw Net Weight : 1.22 kg

CONFORMITY WITH
EN ISO 2503

FEATURES

- Forged KH25 brass body for maximum strength
- Chrome bonnet
- Neoprene diaphragm
- Oxygen regulator with safety relief valve is set for safe operation
- Cylinder pressure shown on indicator with polycarbonate cover

High Pressure Regulator



CONFORMITY WITH
EN ISO 2503

FEATURES

Wide range of flow capacity and wide range pressure delivery.

This is a safety relief valve for pressures below 55BAR.

Encapsulated valve with PCTFE seat.

2.1" gauges

CONFORMITY WITH
EN ISO 2503

FEATURES

Designed for wide range of flow capacity and pressure delivery.

2.1" gauges

CONFORMITY WITH
EN ISO 2503

FEATURES

This is a high pressure, high flow regulator system.

Ideal for high straight pressure, pressure transfer, blanketing and high flow manifold.

2.1" gauges

KV260 SERIES

Heavy Duty V STYLE
Piston Type actuation



| Model | Gas | Max.Inlet Pressure (PSI/BAR) | Max.Delivery Pressure (PSI/BAR) | Inlet Connection | Outlet Connection |
|--------------|-------------------------------|------------------------------|---------------------------------|------------------|--------------------|
| KV260-28M-* | | 3000PSI /200BAR | 400PSI /28BAR | | |
| KV260-30M-* | | 3000PSI /200BAR | 435PSI /30BAR | | 9/16"(M), 5/8"(M), |
| KV260-40M-* | Oxygen/Argon/CO2/ | 3000PSI /200BAR | 580PSI /40BAR | See P.28.. | G3/8(M), |
| KV260-50M-* | Nitrogen/Air/ Helium/Hydrogen | 3000PSI /200BAR | 725PSI /50BAR | more | G1/4(M), |
| KV260-55M-* | | 3000PSI /200BAR | 800PSI /55BAR | | M16(M), |
| KV260-100M-* | | 3000PSI /200BAR | 1450PSI /100BAR | | 1/4"SAE |
| KV260-200M-* | | 4350PSI /300BAR | 3000PSI /200BAR | | (See P.60) |

T bar adjust screw or knob optional

Net Weight : 1.44 kg

KH660 SERIES

Light Duty H STYLE
Piston Type actuation



| Model | Gas | Max.Inlet Pressure (BAR) | Max.Delivery Pressure (BAR) | Inlet Connection | Outlet Connection |
|-------------|-----------------|--------------------------|-----------------------------|------------------|--------------------|
| KH660-30M-* | | | 30 | See P.28.. | 9/16"(M), 5/8"(M), |
| KH660-50M-* | Oxygen/Nitrogen | 230 | 55 | more | G3/8(M), G1/4(M), |
| | | | | | M16(M) (See P.60) |

Knob adjust screw

Net Weight : 0.83 kg

WT304 SERIES

Single Stage
Piston Type actuation



| Model | Gas | Max.Inlet Pressure (PSI/BAR) | Max.Delivery Pressure (PSI/BAR) | Inlet Connection | Outlet Connection |
|--------------|-------------------------------|------------------------------|---------------------------------|------------------|--------------------|
| WT304-50M-* | | 3000PSI /230BAR | 725PSI /50BAR | | |
| WT304-70M-* | | 3000PSI /230BAR | 1000PSI /70BAR | | |
| WT304-100M-* | | 3000PSI /230BAR | 1450PSI /100BAR | | 9/16"(M), 5/8"(M), |
| WT304-140M-* | Oxygen/Argon/CO2/ | 3000PSI /230BAR | 2000PSI /140BAR | See P.28.. | G3/8(M), |
| WT304-210M-* | Nitrogen/Air/ Helium/Hydrogen | 3000PSI /230BAR | 3000PSI /210BAR | more | G1/4(M), |
| WT304-280M-* | | 4350PSI /300BAR | 4000PSI /280BAR | | M16(M), |
| WT304-300M-* | | 4350PSI /300BAR | 4350PSI /300BAR | | 1/4"SAE |
| WT304-320M-* | | 4600PSI /320BAR | 4600PSI /320BAR | | (See P.60) |

T bar adjust screw

Net Weight : 2.01 kg

High Flow Regulator

KHF600 SERIES



| Model | Gas | Max.Inlet Pressure(BAR) | Max.Delivery Pressure(BAR) | Inlet Connection | Outlet Connection |
|--------------|---|-------------------------|----------------------------|------------------|--------------------------------------|
| KHF600-6M-* | Oxygen/Argon/ CO2/Nitrogen/Air/ Helium/Hydrogen | 200 | 6 | G1x11N/1 PF 11 | 9/16"(M),5/8"(M), G3/8(M),G1/4(M) |
| KHF600-10M-* | | | 10 | | ,M16(M) |
| KHF600-14M-* | | | 14 | | (See P.60) |

T bar adjust screw Net Weight 2.81 kg

CONFORMITY WITH
EN ISO 2503

FEATURES

single stage high pressure regulator

Designed for wide range of flow capacity and pressure delivery.

All model equipped with safety relieve valve seat.

2.1" gauges

Two Stage Regulator

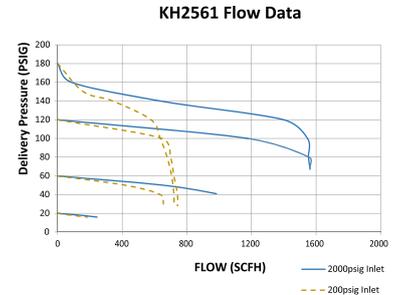
KH2561 SERIES

Heavy Duty Two Stage
H STYLE



| Model | Gas | Max.Inlet Pressure(BAR) | Max.Delivery Pressure(BAR) | Inlet Connection | Outlet Connection |
|----------------|---|-------------------------|----------------------------|--------------------|---|
| KH2561-1.2M-AC | Acetylene | 25 | 1.2 | See P.28.. more | 9/16"(M), 5/8"(M), G3/8(M), G1/4(M), M16(M) |
| KH2561-1.5M-AC | Acetylene | 25 | 1.5 | | |
| KH2561-4M-LPG | Propane | 25 | 4 | | |
| KH2561-10M-* | Oxygen/Argon/ CO2/Nitrogen/Air/ Helium/Hydrogen | 200 | 10 | | (See P.60) |

Knob adjust screw Net Weight 1.99 kg



CONFORMITY WITH
EN ISO 2503 BAM

FEATURES

KH2561, KH1061 series

Designed to reduce high pressure in 2 stages to provide a stable delivery pressure.

It is particularly suitable for high pressure cylinder application or severe remote working places where stable pressure is strictly required.

All model equipped with safety relieve valve.

KH2561, KH1061 : 2.1" gauges

KH1061 SERIES

Medium Duty Two Stage
H STYLE



| Model | Gas | Max.Inlet Pressure(BAR) | Max.Delivery Pressure(BAR) | Inlet Connection | Outlet Connection |
|-----------------|---|-------------------------|----------------------------|--------------------|---|
| KH1061-1M-AC | Acetylene | 25 | 1 | See P.28.. more | 9/16"(M), 5/8"(M), G3/8(M), G1/4(M), M16(M) |
| KH1061-3.5M-LPG | Propane | 25 | 3.5 | | |
| KH1061-4M-* | Oxygen/Argon/ CO2/Nitrogen/Air/ Helium/Hydrogen | 200 | 10 | | (See P.60) |

Knob adjust screw Net Weight 1.65 kg

CO2 Heater

KFR-101

Electrically Heated Flowmeter Regulator

FEATURES

Ideal for accurate flow control are required for CO2 welding.

Heater on back can eliminate CO2 flow from freeze.

With automatic temperature control, it will stop at $60^{\circ}\text{C} \pm 10^{\circ}\text{C}$



2.1" gauge Net Weight : 1.86 kg

H-101

Heater for CO2 Regulator

FEATURES

220V or 110V are available

Suit to CO2 flowmeter and regulator use

Net Weight : 0.44kg



| Model | Gas | Heater Power | Max.Inlet Pressure(BAR) | Outlet Flowmeter | Inlet Connection | Outlet Connection |
|----------------|-----|------------------------|-------------------------|------------------|--------------------|--|
| KFR101-25LPM-* | CO2 | 36/110/220V AC 210W | 200 | 25LPM | See p.28.. more | 9/16"(M), 5/8"(M), G3/8(M), G1/4(M), M16(M) (See P.60) |
| KFR101-60CF-* | | | | 60SCFH | | |

*U=USA, E=EUROPE

Nitrogen Purge Tool

KNPT



Net Weight : 125g

FEATURES

Quick and Easy way to purge and braze copper pipes.No more manual adjustment and hassle with flowmeter

With a 3 steps quick adjustable dial setting switching between Purge, Braze, and Off settings.

Regulates Nitrogen Flow
Purge setting : $15.3 \pm 20\%$ lpm
Braze setting : $3.0 \pm 20\%$ lpm

Refrigeration Test Gauge

RTG-25

FEATURES

2.6" gauge with gauge protector

Inlet: 1 /4 SAE Flare Male

Outlet: 5/16 SAE, 1 /4 SAE SAE Flare Female swivel handle tight nut.

Hose: Yellow MWP 800PSI (5,500kPa)

On/Off Ball valve: MWP 800PSI (5,500kPa)



Net Weight : 0.32kg

Balloon Filling Regulator

KH-311GA

FEATURES

Hand / wrench tight with gauge style

Easy and safe

1.5" gauge Net Weight : 0.45kg



KH-310

FEATURES

Economy style of balloon filler

Horizontal shape one-piece construction, tilt valve.

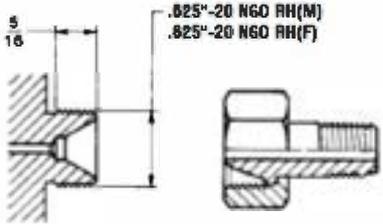
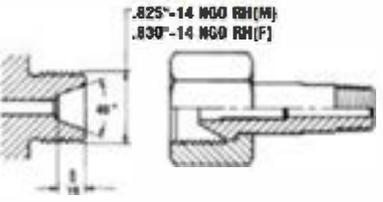
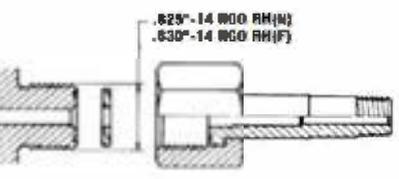
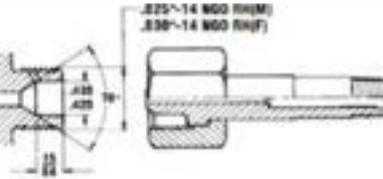
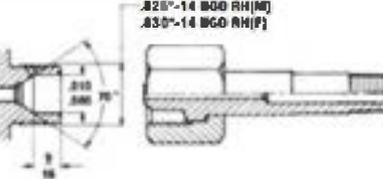
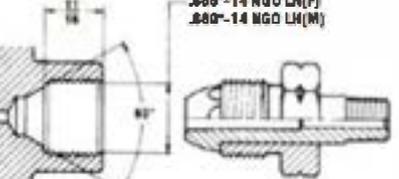
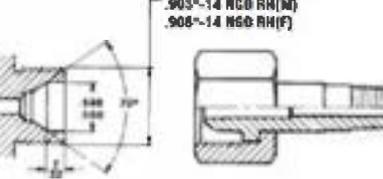
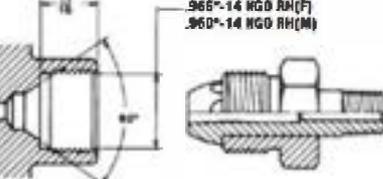
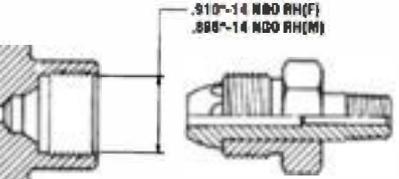
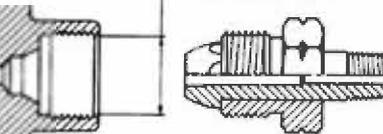
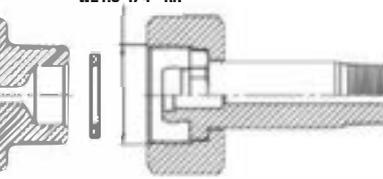
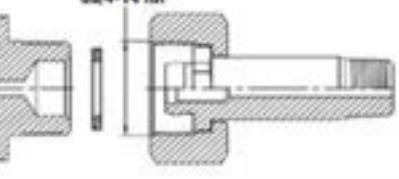
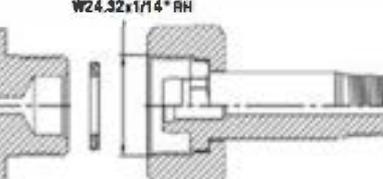
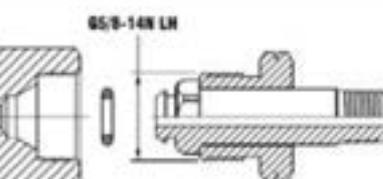
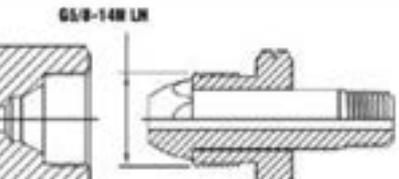
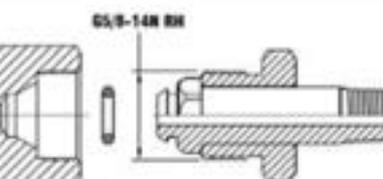
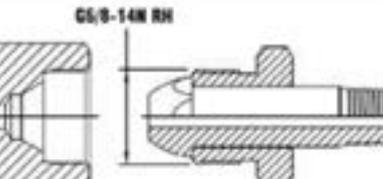
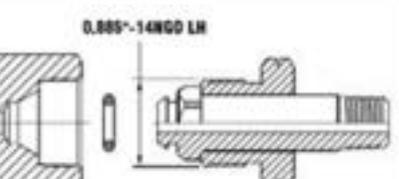
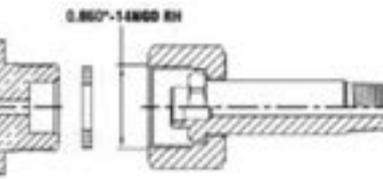
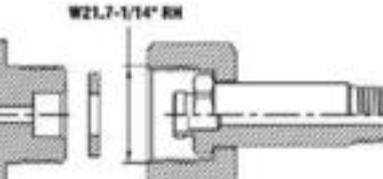
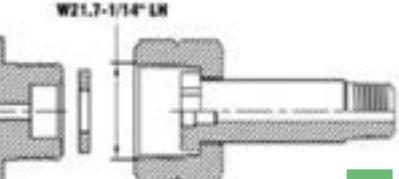
Hand tight connection, no gauge, no tie hook.

Easy and safe

Net Weight : 0.31kg



Gas Cylinder Connections

| | | |
|--|---|--|
| <p>CGA 200</p>  <p>.825"-20 NPT RH(M) .825"-20 NPT RH(F)</p> | <p>CGA 300</p>  <p>.825"-14 NPT RH(M) .830"-14 NPT RH(F)</p> | <p>CGA 320</p>  <p>.829"-14 NPT RH(M) .830"-14 NPT RH(F)</p> |
| <p>CGA 326</p>  <p>.825"-14 NPT RH(M) .830"-14 NPT RH(F)</p> | <p>CGA 346</p>  <p>.825"-14 NPT RH(M) .830"-14 NPT RH(F)</p> | <p>CGA 510</p>  <p>.885"-14 NPT LH(F) .880"-14 NPT LH(M)</p> |
| <p>CGA 540</p>  <p>.905"-14 NPT RH(M) .908"-14 NPT RH(F)</p> | <p>CGA 580</p>  <p>.965"-14 NPT RH(F) .960"-14 NPT RH(M)</p> | <p>992</p>  <p>.910"-14 NPT RH(F) .898"-14 NPT LH(M)</p> |
| <p>993</p>  <p>.910"-14 NPT LH(F) .898"-14 NPT LH(M)</p> | <p>DIN NO.6</p>  <p>W21.8-1/4" RH</p> | <p>DIN NO.9</p>  <p>G3/4-14</p> |
| <p>DIN NO.10</p>  <p>W24.32x1/4" RH</p> | <p>(BS)G5/8-LH W/O-ring</p>  <p>G5/8-14 LH</p> | <p>(BS)G5/8-LH</p>  <p>G5/8-14 LH</p> |
| <p>(BS)G5/8-RH W/O-ring</p>  <p>G5/8-14 RH</p> | <p>(BS)G5/8-RH</p>  <p>G5/8-14 RH</p> | <p>TYPE 21</p>  <p>0.885"-14 NPT LH</p> |
| <p>TYPE 30</p>  <p>0.860"-14 NPT RH</p> | <p>W21.7-1/4" RH</p>  <p>W21.7-1/4" RH</p> | <p>W21.7-1/4" LH</p>  <p>W21.7-1/4" LH</p> |





Cutting Attachment & Torch Handle

V STYLE

All cutting attachments and torch handles are manufactured in strictly controlled system with supreme brass under testing devices. 100% leak test and back fire test before shipment

CUTTING TORCHES

Wilson torches are all made with supreme drop forged brass for head and body and tube in stainless steel. Wilson torches style are similar to Victor, Harris, AGA, CIGweld style. Main maintenance components are compatible with original. Use our torches to have privilege to get lower cost but high safety quality and super performance.

Our torches all through intensive leak test and backfire test. For leak test, we have standard torque wrench to fix control valve drive power to make sure every piece has the same level.



Net Weight 0.85 kg

KV-2460
Heavy Duty



FEATURES

Cuts up to 200 mm

Attached quickly and simply to KV-315 torch handle

Head and body made from drop forged brass

Supreme seamless stainless steel tube and needle valve

HP seat install from bottom of body for easy repairing



Net Weight 0.81 kg

KV-2450
Heavy Duty



FEATURES

Cuts up to 200 mm

Attached quickly and simply to torch

Handle KV-315, KV-315C, KV-315FC

Head and body made from drop forged brass

Supreme seamless stainless steel tube and needle valve



Net Weight 0.62 kg

KV-315
Heavy Duty



FEATURES

Cuts up to 200 mm

Welds up to 12.7 mm

KV-315 Drop forged brass body and head



Net Weight 0.78 kg

KV-315FC
Heavy Duty



FEATURES

Cuts up to 200 mm

Welds up to 12.7 mm

Built-in Check valve and flashback arrestor



Net Weight 0.62 kg

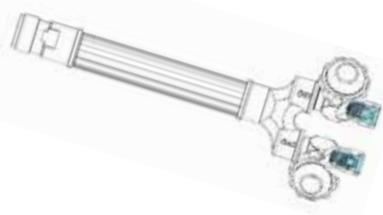
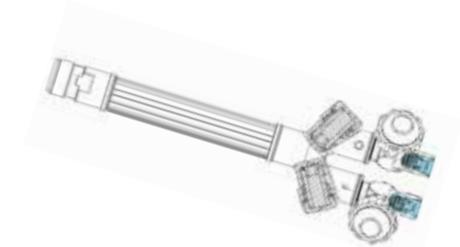
KV-315C
Heavy Duty

FEATURES

Cuts up to 200 mm

Welds up to 12.7 mm

KV-315C Built-in Check valve



Cutting Attachment & Torch Handle

V STYLE

Net Weight 0.35 kg



KV-100
Medium Duty



FEATURES

Cuts up to 150 mm

Welds up to 9 mm

KV-100 Drop forged brass body and head

Net Weight 0.36 kg



KV-1350
Medium Duty



FEATURES

Cuts up to 150 mm

Attached quickly and simply to torch

Handle KV-100, KV-100C, KV-100FC

Head and body made from drop forged brass

Supreme seamless stainless steel tube and needle valve

Net Weight 0.35 kg



KV-100C
Medium Duty

FEATURES

Cuts up to 150 mm

Welds up to 9 mm

Built-in Check valve

Net Weight 0.49 kg



KV-100FC
Medium Duty



FEATURES

Cuts up to 150 mm

Welds up to 9 mm

Built-in flashback arrestor and check valve



H STYLE



Net Weight 0.71 kg

7/8"-18N

KH 49-2 (Acetylene)
KH 49-2F (Propane)
Heavy Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

Cuts up to 150 mm

Attach quickly and simply to
KH 43-2, KH 43-2ST, KH 63-2

Lower pressure cutting



Net Weight 0.71 kg

7/8"-18N

KH 73-2 (Acetylene)
KH 73-2F (Propane)
Medium Duty

CONFORMITY WITH
EN ISO 5172



FEATURES

Cuts up to 150 mm

Attached quickly and simply to
KH 43-2, KH 43-2ST, KH 63-2



Net Weight 0.75 kg

7/8"-18N

KH 59-3
Heavy Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

Cuts up to 150 mm

Attached quickly and simply to
KH 43-2, KH 43-2ST, KH 63-2



Net Weight 0.56 kg

KH 43-2
Heavy Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

Cuts up to 150 mm

Welds up to 50 mm

KH 43-2 Fit cutting attachment model KH 49-2, KH 49-2F, KH 73-2, KH 73-2F

KH 43-2ST Stainless steel head to maximize torch performance

KH 63-2 Convenience to all mixer connection



Net Weight 0.65 kg

KH 43-2ST Stainless Steel Head
Heavy Duty



Net Weight 0.48 kg

KH 63-2
Heavy Duty



Net Weight 0.34 kg

KH 36-2
Light Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

Cuts up to 75 mm

Attached quickly and simply to
KH 19-6 torch handle

Convenience for carry up /down
area



Net Weight 0.28 kg

KH 19-6
Light Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

Cuts up to 75 mm

Welds up to 9 mm

Fit cutting attachment model
KH 36-2

Convenience for welding,
cutting, brazing and heating in
up / down area

Cutting Attachment & Torch Handle

C STYLE



Net Weight 0.66 kg

KCG-242
Heavy Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

- Cuts up to 150 mm
- Attached quickly and simply to KCG-241 torch handle
- Head gas mixing flash back free



Net Weight 0.63 kg

KCG-241
Heavy Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

- Cuts up to 150 mm
- Welds up to 9 mm
- Two stages control valve seat ensure supreme flame control and working safety

A STYLE



Net Weight 0.54 kg

KAF-302
Heavy Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

- Cuts up to 200 mm
- Attached quickly and simply to KAF-301 torch handle



Net Weight 0.53 kg

KAF-301
Heavy Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

- Cuts up to 200 mm
- Welds up to 9 mm

A STYLE



Net Weight 0.42 kg

KAF-402
Light Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

- Cuts up to 75 mm
- Attached quickly and simply to KAF-401 torch handle



Net Weight 0.45 kg

KAF-401
Light Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

- Cuts up to 75 mm
- Welds up to 6 mm



A STYLE



Net Weight 0.41 kg

KAC-X11

Light Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

Cuts up to 75 mm

Attached quickly and simply to
KAH-X11 torch handle



Net Weight 0.56 kg

KAH-X11

Light Duty

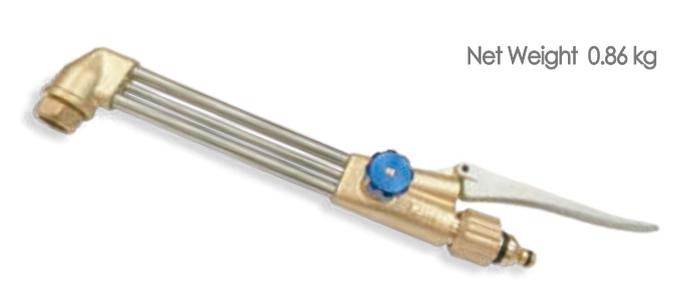
CONFORMITY WITH
EN ISO 5172

FEATURES

Cuts up to 75 mm

Welds up to 9 mm

A STYLE



Net Weight 0.86 kg

KAC-X21

Medium Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

Cuts up to 200 mm

Attached quickly and simply to
KAH-X21 torch handle



Net Weight 0.64 kg

KAH-X21

Medium Duty

CONFORMITY WITH
EN ISO 5172

FEATURES

Cuts up to 200 mm

Welds up to 9 mm

Hand Cutting Torch

CONFORMITY WITH
EN ISO 5172

H STYLE



Net Weight 1.29 kg

Head Angle optional



70°HEAD



90°HEAD



180°HEAD

KH-62-3 (Acetylene)
KH-62-3F (Propane)
Heavy Duty



FEATURES

- Cuts up to 300 mm steel
- Use with 6290 series tips
- Head angle optional: 70°/90°/180°
- Torch length: 460-2000mm
- Strong power cutting but less expensive to operate



Net Weight 1.16 kg

KH-42-4 (Acetylene)
KH-42-4F (Propane)
Medium Duty



FEATURES

- Cuts up to 150 mm steel
- Use with 6290 series tips
- Head angle optional: 70°/90°
- Torch length 440-2000mm
- Light weight, easy and safe to operate



Net Weight 1.01 kg

KH-42-4E Economy type
Medium Duty

Use with 6290 series tips



Net Weight 1.32 kg

KH-142
Medium Duty

FEATURES

- Cuts up to 200 mm steel
- Use with 6290 series tips
- Head angle optional: 70°/90°/180°
- Torch length: 440mm, 530mm, 835mm, 1000mm

V STYLE



Net Weight 1.47 kg

KC-1200
Heavy Duty



FEATURES

- Cuts up to 300 mm steel
- Use with 1-101, 1-GPN tips
- Head angle optional: 70°/90°/180°
- Standard length: 21"
- Extra length: 36", 48"
- Universal Mixer for any fuel gas
- Advanced mixer technology engineered for flashback-free performance.



KC-900A
Net Weight 1.33 kg

KC-900B
Net Weight 1.37 kg

KC-900C
Net Weight 1.21 kg

| Model | Head Angle | Tip | Length |
|---------|------------|---------------|-----------------------------|
| KC-900A | 90° | ANME / PNME | |
| KC-900B | 90° | 1-101 / 1-GPN | 17"/21"/27"/36"/48"/72"/96" |
| KC-900C | 90° | 1502 / 1503 | |



Net Weight 1.11 kg

Head Angle optional



75° HEAD



90° HEAD



180° HEAD

KNM-250
Heavy Duty U type

CONFORMITY WITH
EN ISO 5172

FEATURES

- Cuts up to 300 mm steel
- Nozzle mix oxy/fuel
- Use with ANME, PNME, ANM, PNM tips
- Head angle optional: 75°/90°/180°
- Torch length: 500mm, 900mm, 1200mm, 1500mm

KNM-420
Heavy Duty U type

FEATURES

Cuts up to 250 mm steel
Nozzle mix oxy/fuel
Use with ANME, PNME, ANM, PNM tips
Head angle optional: 90°
Torch length: 500mm



Net Weight 1.12 kg

KNM-1607
Heavy Duty S type

FEATURES

Cuts up to 300 mm steel
Use with G1-A, G1-P tip
Torch length:500 mm



Net Weight 1.25 kg

KS-1607
Heavy Duty S type

FEATURES

Cuts up to 300 mm steel
Use with G1-A, G1-P tip
Torch length:500 mm



Net Weight 1.34 kg



KCS-8608 · Z STYLE
Propane Cutting Torch

FEATURES

Welding capacity:
1/8"-1/4"
Cutting capacity:
1/8"-4"
Hose connection thread:
G1/4"-R.H., G3/8"-L.H.

| Model | Contents |
|----------|---------------------------------|
| 8608TH | Torch Handle |
| 8608CA | Cutting Attachment |
| 8608-H1 | Cutting Tips Size H1 |
| 8608-S1 | Cutting Tips Size S1 |
| 8608-S2 | Cutting Tips Size S2 |
| 8608-S3 | Cutting Tips Size S3 |
| 8608-S4 | Cutting Tips Size S4 |
| 8608-CG | Cutting Carriage & Circle Guide |
| 5TA-A001 | Wrench |

Net Weight 2.18 kg



KCM-7505
"M" type Cutting Torch

FEATURES

Cuts up to 1mm-30mm(1/32"-1-1/4")
Hose connection thread M16 x 1.5
Prevent back fire

| Tip Size | Oxy. Pressure (Kg/cm ²) | Ace. Pressure (Kg/cm ²) | LPG. Pressure (Kg/cm ²) |
|------------|-------------------------------------|-------------------------------------|-------------------------------------|
| KCM7505-A1 | 2.5 | 0.5 | |
| KCM7505-A2 | 3 | 0.5 | |
| KCM7505-A3 | 3.5 | 0.5 | |
| KCM7505-F1 | 2.5 | | 0.5 |
| KCM7505-F2 | 3 | | 0.5 |
| KCM7505-F3 | 4 | | 0.5 |

Net Weight 0.63 kg



KCM-7506
"A" type Cutting Torch

FEATURES

Cuts up to 1mm-100mm(1/32"-4")
Hose connection thread M16 x 1.5
Prevent back fire

| Tip Size | Oxy. Pressure (Kg/cm ²) | Ace. Pressure (Kg/cm ²) | LPG. Pressure (Kg/cm ²) |
|------------|-------------------------------------|-------------------------------------|-------------------------------------|
| KCM7506-A1 | 3 | 0.5 | |
| KCM7506-A2 | 3.5 | 0.6 | |
| KCM7506-A3 | 4 | 0.7 | |
| KCM7506-F1 | 4 | | 0.5 |
| KCM7506-F2 | 5 | | 0.6 |
| KCM7506-F3 | 7 | | 0.7 |

Net Weight 0.81 kg

Welding Torch

KS-501 S type Welding Torch

| Tip Size | Orifice(mm) | Oxy. Pressure (Kg/cm ²) | Ace. Pressure (Kg/cm ²) |
|-----------|-------------|-------------------------------------|-------------------------------------|
| KS501-100 | 0.7 | 1.5 | 0.3-0.5 |
| KS501-160 | 0.9 | 2 | 0.3-0.5 |
| KS501-250 | 1 | 2.5 | 0.3-0.5 |
| KS501-315 | 1.3 | 2.5 | 0.3-0.5 |
| KS501-400 | 1.5 | 3 | 0.4-0.5 |

Net Weight 0.69 kg



KWM-7502 "S" type Welding Torch

FEATURES

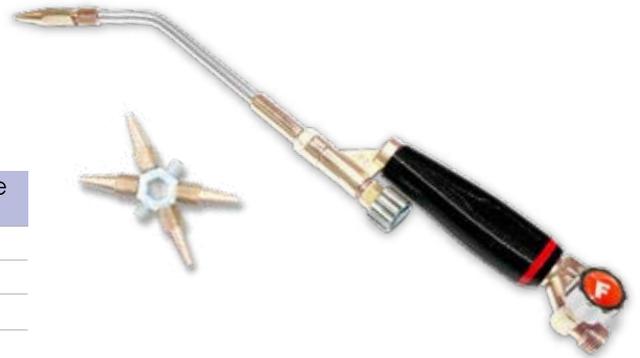
Welding capacity 0.5 – 9.5 mm (1/64"-5/16")

Torch connection thread M16 x 1.5

Prevent back fire

| Tip Size | Orifice(mm) | Oxy. Pressure (Kg/cm ²) | Ace. Pressure (Kg/cm ²) |
|-------------|-------------|-------------------------------------|-------------------------------------|
| KWM7502-25 | 0.7 | 1.5 | 0.3-0.5 |
| KWM7502-50 | 0.8 | 1.5 | 0.3-0.5 |
| KWM7502-75 | 0.9 | 2 | 0.3-0.5 |
| KWM7502-100 | 1 | 2.5 | 0.3-0.5 |
| KWM7502-150 | 1.2 | 2.5 | 0.3-0.5 |

Net Weight 0.49 kg



KB-502 Model O Torch

FEATURES

Model -O gas torch kit for very fine work up to about 1.5mm.

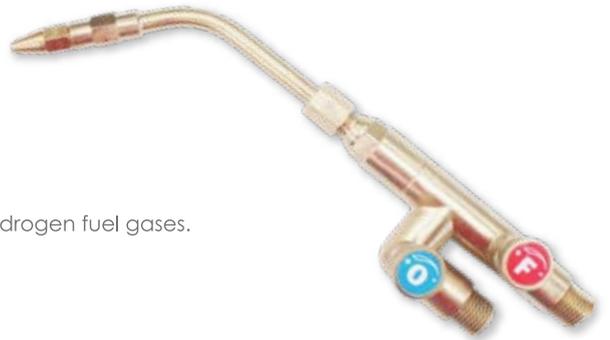
Designed to be used in a variety of precise applications including jewellery, electronics, medical, dental HVAC and lead burning.

The blowpipe is equally suited for use with acetylene, propane or hydrogen fuel gases.

Fitted with 1/4" bsp hose threads.

| Tip Size | Orifice(mm) | Oxy. Pressure (Kg/cm ²) | Ace. Pressure (Kg/cm ²) |
|----------|-------------|-------------------------------------|-------------------------------------|
| KB-W1 | 0.3 | 0.2 | 0.3 |
| KB-W2 | 0.5 | 0.4 | 0.3 |
| KB-W3 | 0.7 | 0.5 | 0.3 |
| KB-W4 | 0.9 | 0.8 | 0.3 |

Net Weight 0.314 kg



KS-503 Light Duty · Mini Torch Kit

FEATURES

Ideal for jewelry repair, electronics repair, manufacture, hobby, crafts, glass blowing, metal sculpture, plumbing and various other precision-based activities.

Suitable Multi-Fuels : acetylene, propane, propylene, hydrogen or natural gas.

| Tip Size | Orifice Diameter (mm) | Drill Size | Gas Pressure(psi) | | Gas Consumption(cfh) | | Btu/Hour | Brazing Capacity Copper Pipe |
|----------|-----------------------|------------|-------------------|------|----------------------|--------|----------|------------------------------|
| | | | Oxygen | Fuel | Fuel | Oxygen | | |
| KS-503-3 | 0.3 | 85 | 4 | 4 | 0.78 | 0.94 | 1,150 | Up to 1/8 in. |
| KS-503-4 | 0.5 | 76 | 5 | 5 | 1.57 | 1.88 | 2,300 | 1/4 – 3/8 in. |
| KS-503-5 | 0.7 | 69 | 6 | 6 | 2.58 | 3.1 | 3,800 | 5/16 – 5/8 in. |
| KS-503-6 | 0.9 | 63 | 6 | 6 | 4.48 | 5.38 | 6,585 | 3/8 – 3/4 in. |
| KS-503-7 | 1.2 | 56 | 8 | 8 | 6.27 | 7.52 | 9,200 | 1/2 – 7/8 in. |

PACKING LIST · Welding torch x 1pc · Tip x 5 pcs



Machine Torch

H STYLE

Net Weight 1.71 kg



KH-198-3T/3TF
Heavy Duty



Net Weight 1.43 kg



KH-198-2T/2TF
Heavy Duty

FEATURES

Cutting capacity up to 380 mm
Use with 6290 series tips

| Oxy-Acetylene | | | | |
|---------------|---------|---------------|-------------|---------|
| Model | Inlet | Barrel Ø (mm) | Length (mm) | Racking |
| KH-198-3T | 3 tubes | 32/35 | 360 | X |
| KH-198-2T | 2 tubes | 35 | 250 | X |
| Oxy-Propane | | | | |
| Model | Inlet | Barrel Ø (mm) | Length (mm) | Racking |
| KH-198-3TF | 3 tubes | 32/35 | 360 | X |
| KH-198-2TF | 2 tubes | 35 | 250 | X |

* Gear racks are available to be ordered separately

Gas Saver



KGS-168
Net Weight 1.25 kg

FEATURES

With double link structure for high performance

Low cost in simple structure with big energy saving

Free from repeated procedures of igniting, flame adjusting and extinguishing work

| Model | Gas | Pressure (kg/cm ²) | Standard Inlet / Outlet | Hanging weight | Weight |
|-----------|-----------|--------------------------------|-------------------------|----------------|--------|
| KGS-168-A | Oxygen | 1.0-5.0 | 9/16" x 18 | 550 g | 1 kg |
| | Acetylene | 0.3-1.0 | 5/8" x 18 | | |
| KGS-168-P | Oxygen | 1.0-5.0 | M16 x 1.5 | 550 g | 1 kg |
| | Propane | 0.3-3.5 | G 3/8" x 19 | | |

With both AC/LPG tips

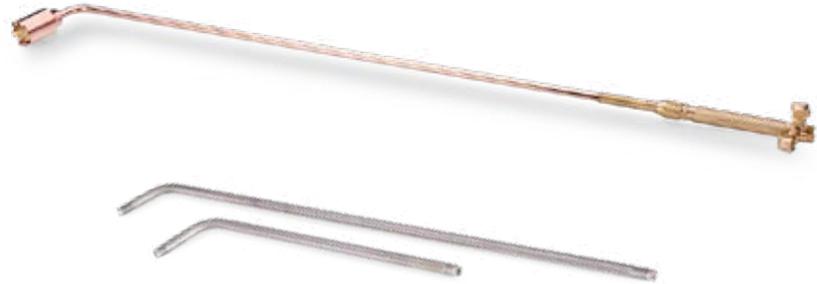
Heating Torch

H STYLE

KHT-505

FEATURES

Soldering, brazing, annealing, straightening and bending plates, pipes and bars, preheating in welding jobs, drying moulds, thawing jobs, asphalt work...etc.



Stainless tube

Optional
Stainless tube

| Model | Type | Tip No. | Oxy / Propane Pressure (kg/cm ²) | Length (mm) |
|-----------|----------|---------------|--|-------------|
| KHT-505-1 | W/1 tip | 2290-2H | 3.5 / 0.4 | 650 |
| KHT-505-2 | W/1 tip | 2290-3H | 4.0 / 0.4 | 750 |
| KHT-505-3 | W/1 tip | 2290-4H | 4.5 / 0.4 | 1050 |
| KHT-505-4 | W/1 tip | 2290-5H | 5.0 / 0.4 | 1250 |
| KHT-505 | W/4 tips | 2290-2,3,4,5H | | 1050 |

Net Weight 2.84 kg

KHT-506

FEATURES

Soldering, brazing, annealing, straightening and bending plates, pipes and bars, preheating in welding jobs, drying moulds, thawing jobs, asphalt work etc...



| Model | Type | Head size (mm) | LPG Pressure (kg/cm ²) | Length (mm) |
|-----------|----------|----------------|------------------------------------|-------------|
| KHT-506-1 | W/1 tip | 25.4 | 0.3 | 500 |
| KHT-506-2 | W/1 tip | 38.1 | 0.4 | 500 |
| KHT-506-3 | W/1 tip | 50.8 | 0.5 | 500 |
| KHT-506 | W/3 tips | | | |

Net Weight 0.76 kg

KHT-507

FEATURES

Stainless heating tips

Used for applications requiring large volumes heat

At the pressure lever, operator can go from pilot flame to full-brush flame

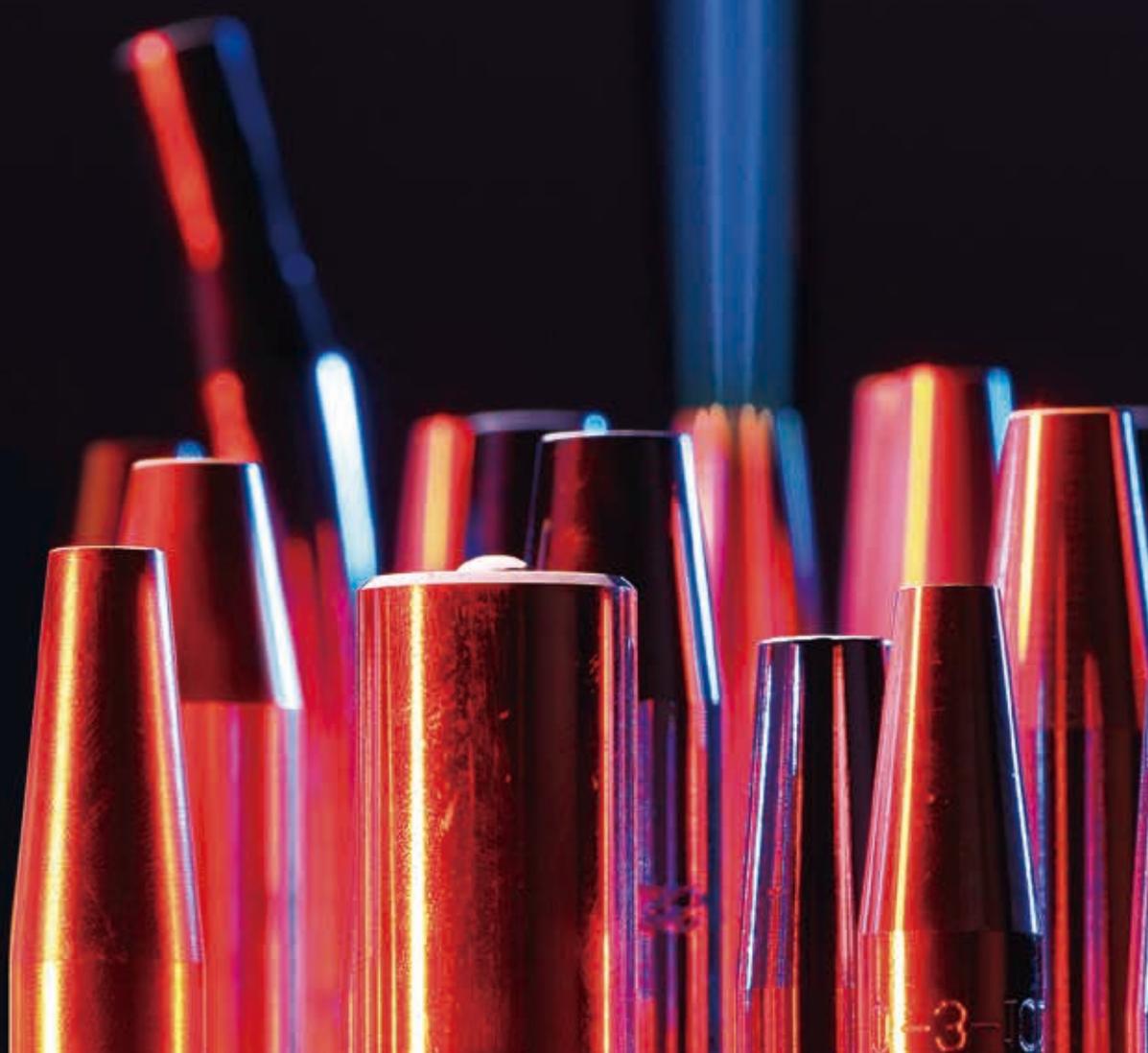


| Model | Type | Head size (mm) | Length (mm) |
|-------------|---------|----------------|-------------|
| KHT-507-500 | W/1 tip | 38.1 | 500 |
| KHT-507-700 | W/1 tip | 50.8 | 700 |
| KHT-507-900 | W/1 tip | 63.5 | 900 |

Net Weight 0.58 kg

Net Weight 0.83 kg

Net Weight 1.04 kg



Cutting Tip

3 Seats Nozzle Gas Mixer BRITISH STYLE

 **ANME/ANM**
ACETYLENE



 **PNME/PNM**
PROPANE



V STYLE

 **1-101**
ACETYLENE



 **3-101**
ACETYLENE



 **1-GPN**
PROPANE



 **3-GPN**
PROPANE



| Tip | Cutting Thickness (mm) | Oxy. Pressure (Bar) | Ace. Pressure (Bar) | Length (mm) |
|----------------|------------------------|---------------------|---------------------|-------------|
| ANME-1 (1/32") | 3-10 | 2.5-3.5 | 0.3 | 88 |
| ANME-2 (3/64") | 10-25 | 3.0-4.0 | 0.3 | |
| ANME-3 (1/16") | 25-40 | 3.5-4.5 | 0.3 | |
| ANME-4 (5/64") | 40-60 | 4.5-5.0 | 0.5 | |
| ANME-5 (3/32") | 60-100 | 4.5-5.5 | 0.5 | |
| ANME-6 (7/64") | 100-200 | 5.0-6.5 | 0.5 | |
| ANME-7 (1/8") | 200-300 | 6.0-7.5 | 0.8 | |
| ANM-1 (1/32") | 3-6 | 2.5-3.5 | 0.3 | 75 |
| ANM-2 (3/64") | 5-12 | 3.0-4.0 | 0.3 | |
| ANM-3 (1/16") | 10-75 | 3.5-4.5 | 0.3 | |
| ANM-4 (5/64") | 70-100 | 4.5-5.0 | 0.5 | |
| ANM-5 (3/32") | 90-150 | 4.5-5.5 | 0.5 | |
| ANM-6 (7/64") | 140-200 | 5.0-6.5 | 0.5 | |
| ANM-7 (1/8") | 190-300 | 6.0-7.5 | 0.8 | |

| Tip | Cutting Thickness (mm) | Oxy. Pressure (Bar) | Pro. Pressure (Bar) | Length (mm) |
|----------------|------------------------|---------------------|---------------------|-------------|
| PNME-1 (1/32") | 3-6 | 2.5-3.5 | 0.3 | 92 |
| PNME-2 (3/64") | 5-12 | 3.0-4.0 | 0.3 | |
| PNME-3 (1/16") | 10-75 | 3.5-4.5 | 0.3 | |
| PNME-4 (5/64") | 70-100 | 4.5-5.0 | 0.5 | |
| PNME-5 (3/32") | 90-150 | 4.5-5.5 | 0.5 | |
| PNME-6 (7/64") | 140-200 | 5.0-6.5 | 0.5 | |
| PNME-7 (1/8") | 190-300 | 6.0-7.5 | 0.8 | |
| PNM-1 (1/32") | 3-6 | 2.5-3.5 | 0.3 | 75 |
| PNM-2 (3/64") | 5-12 | 3.0-4.0 | 0.3 | |
| PNM-3 (1/16") | 10-75 | 3.5-4.5 | 0.3 | |
| PNM-4 (5/64") | 70-100 | 4.5-5.0 | 0.5 | |
| PNM-5 (3/32") | 90-150 | 4.5-5.5 | 0.5 | |
| PNM-6 (7/64") | 140-200 | 5.0-6.5 | 0.5 | |
| PNM-7 (1/8") | 190-300 | 6.0-7.5 | 0.8 | |

1-101 / 1-GPN

| Tip | Cutting Thickness (mm) | Orifice | Length (mm) | |
|-----------------------|------------------------|---------|-------------|-------|
| | | | 1-101 | 1-GPN |
| 000-1-101 / 000-1-GPN | 1-3 | 0.7 | 76 | 77 |
| 00-1-101 / 00-1-GPN | 3-6 | 0.8 | | |
| 0-1-101 / 0-1-GPN | 6-10 | 1.0 | | |
| 1-1-101 / 1-1-GPN | 10-20 | 1.2 | | |
| 2-1-101 / 2-1-GPN | 20-40 | 1.5 | | |
| 3-1-101 / 3-1-GPN | 40-60 | 1.8 | | |
| 4-1-101 / 4-1-GPN | 60-80 | 2.1 | | |
| 5-1-101 / 5-1-GPN | 80-125 | 2.5 | | |
| 6-1-101 / 6-1-GPN | 125-200 | 3.1 | | |
| 7-1-101 / 7-1-GPN | 200-250 | 3.6 | | |
| 8-1-101 / 8-1-GPN | 250-300 | 4.1 | | |

3-101 / 3-GPN

| Tip | Cutting Thickness (mm) | Orifice | Length (mm) | |
|-----------------------|------------------------|---------|-------------|-------|
| | | | 3-101 | 3-GPN |
| 000-3-101 / 000-3-GPN | 0-3 | 0.7 | 59 | 69 |
| 00-3-101 / 00-3-GPN | 3-6 | 0.8 | | |
| 0-3-101 / 0-3-GPN | 6-10 | 1.0 | | |
| 1-3-101 / 1-3-GPN | 10-20 | 1.2 | | |
| 2-3-101 / 2-3-GPN | 20-40 | 1.5 | | |
| 3-3-101 / 3-3-GPN | 40-60 | 1.8 | | |
| 4-3-101 / 4-3-GPN | 60-80 | 2.1 | | |
| 5-3-101 / 5-3-GPN | 80-125 | 2.5 | | |
| 6-3-101 / 6-3-GPN | 125-200 | 3.1 | | |
| 7-3-101 / 7-3-GPN | 200-250 | 3.6 | | |
| 8-3-101 / 8-3-GPN | 250-300 | 4.1 | | |

C STYLE



41
ACETYLENE



41-32GS
ACETYLENE
Gouging tip

| Tip | Cutting Thickness (mm) | Oxy. Pressure (Bar) | Ace. Pressure (Bar) |
|-------|------------------------|---------------------|---------------------|
| 41-6 | 1-6 | 1.8 | 1.0 |
| 41-8 | 6-10 | 2.0 | 1.0 |
| 41-12 | 12-20 | 2.2 | 1.0 |
| 41-15 | 25-75 | 2.5 | 1.0 |
| 41-20 | 100-125 | 3.5 | 1.0 |
| 41-24 | 150-200 | 4.0 | 1.0 |
| 41-32 | 225-300 | 5.0 | 1.0 |
| 41-48 | 300-400 | 5.0 | 1.0 |



41-32/48/64GB
ACETYLENE
Gouging tip

| Tip | Oxy. Pressure (Bar) | Ace. Pressure (Bar) |
|---------|---------------------|---------------------|
| 41-32GS | 5.0 | 1.0 |
| 41-32GB | 5.0 | 1.0 |
| 41-48GB | 6.0 | 1.0 |
| 41-64GB | 6.0 | 1.0 |



44
PROPANE



44-32GS
PROPANE
Gouging tip

| Tip | Cutting Thickness (mm) | Oxy. Pressure (Bar) | Ace. Pressure (Bar) |
|-------|------------------------|---------------------|---------------------|
| 44-6 | 3-6 | 2.0 | 1.0 |
| 44-8 | 6-12 | 2.0 | 1.0 |
| 44-12 | 12-20 | 2.5 | 1.0 |
| 44-15 | 25-75 | 4.0 | 1.0 |
| 44-20 | 100-125 | 4.0 | 1.0 |
| 44-24 | 150-200 | 5.0 | 1.0 |
| 44-32 | 225-300 | 5.0 | 1.0 |



44-32/48/64GB
PROPANE
Gouging tip

| Tip | Oxy. Pressure (Bar) | Ace. Pressure (Bar) |
|---------|---------------------|---------------------|
| 44-32GS | 5.0 | 1.0 |
| 44-32GB | 5.0 | 1.0 |
| 44-48GB | 6.0 | 1.0 |
| 44-64GB | 6.0 | 1.0 |

H STYLE



6290

ACETYLENE



6290-AC

ACETYLENE



6290-NX

6290-NFF

PROPANE



6290-VVC

PROPANE

Two pieces tips for cuts up to 250 mm



6290-NH

PROPANE

Two pieces tips for cuts up from 225 to 380 mm



6290-2NFFR

NATURAL GAS

Gouging tip



6290-GG

NATURAL GAS

Gouging tip



6290-NFW

NATURAL GAS

Gouging tip

| Tip | Cutting Thickness (mm) | Oxy. Pressure (Bar) | Ace./Pro. Pressure (Bar) | Length (mm) |
|---------------|------------------------|---------------------|--------------------------|-------------|
| 6290-000 | 1-5 | 1.5 | 0.5 | 61 |
| 6290-00 | 5-10 | 1.5 | 0.5 | |
| 6290-0 | 10-15 | 2.0 | 1.0 | |
| 6290-1 | 15-25 | 2.5 | 1.0 | |
| 6290-2 | 25-50 | 3.0 | 1.0 | |
| 6290-3 | 50-100 | 3.5 | 1.0 | |
| 6290-4 | 100-175 | 4.0 | 1.5 | |
| 6290-5 | 175-250 | 5.0 | 1.5 | 53 |
| 6290-6 | 250-300 | 6.0 | 1.5 | |
| 6290-000AC | 1-5 | 1.5 | 0.5 | |
| 6290-00AC | 5-10 | 1.5 | 0.5 | |
| 6290-0AC | 10-15 | 2.0 | 1.0 | |
| 6290-1AC | 15-25 | 2.5 | 1.0 | |
| 6290-2AC | 25-50 | 3.0 | 1.0 | |
| 6290-3AC | 50-100 | 3.5 | 1.0 | 57 |
| 6290-4AC | 100-175 | 4.0 | 1.5 | |
| 6290-5AC | 175-250 | 5.0 | 1.5 | |
| 6290-6AC | 250-300 | 6.0 | 1.5 | |
| 6290-NX000 | 1-5 | 1.5 | 0.5 | |
| 6290-NX00 | 5-10 | 1.5 | 0.5 | |
| 6290-NX0 | 10-15 | 2.0 | 1.0 | |
| 6290-NX1 | 15-25 | 2.5 | 1.0 | 56 |
| 6290-NX2 | 25-50 | 3.0 | 1.0 | |
| 6290-NX3 | 50-100 | 3.5 | 1.0 | |
| 6290-NX4 | 100-175 | 4.0 | 1.5 | |
| 6290-NX5 | 175-250 | 5.0 | 1.5 | |
| 6290-NX6 | 250-300 | 6.0 | 1.5 | |
| 6290-NFF1 | 15-25 | 2.5 | 1.0 | |
| 6290-NFF2 | 25-50 | 3.0 | 1.0 | 57 |
| 6290-NFF3 | 50-100 | 3.5 | 1.0 | |
| 6290-NFF4 | 100-175 | 4.0 | 1.5 | |
| 6290-NFF5 | 175-250 | 5.0 | 1.5 | |
| 6290-NFF6 | 250-300 | 6.0 | 1.5 | |
| 6290-5/0VVC | 2-4 | 2.5 | 0.015-0.2 | |
| 6290-4/0VVC | 4-6 | 3.5 | 0.015-0.2 | |
| 6290-3/0VVC | 6-9 | 5.0 | 0.015-0.2 | |
| 6290-00VVC | 9-12.5 | 5.0 | 0.015-0.2 | |
| 6290-0VVC | 12.5-20 | 6.0 | 0.015-0.2 | |
| 6290-0 1/2VVC | 20-35 | 7.0 | 0.015-0.2 | |
| 6290-1 VVC | 35-60 | 7.0 | 0.015-0.2 | |
| 6290-1 1/2VVC | 60-75 | 6.5 | 0.015-0.2 | |
| 6290-2 VVC | 75-125 | 7.0 | 0.015-0.2 | |
| 6290-2 1/2VVC | 125-150 | 6.5 | 0.015-0.2 | |
| 6290-3 VVC | 150-175 | 7.0 | 0.015-0.2 | |
| 6290-4 VVC | 175-200 | 6.5 | 0.015-0.2 | |
| 6290-5 VVC | 200-225 | 6.0 | 0.015-0.2 | |
| 6290-5 1/2VVC | 225-250 | 6.0 | 0.015-0.2 | |
| 6290-5NH | 225-250 | 4.0 | 0.015-0.2 | |
| 6290-6NH | 250-275 | 4.0 | 0.015-0.2 | |
| 6290-7NH | 275-300 | 4.0 | 0.015-0.2 | |
| 6290-8NH | 300-380 | 4.0 | 0.015-0.2 | |

| Tip | Cutting Thickness (mm) | Oxy. Pressure (Bar) | Gas Pressure (Bar) | Length (mm) |
|------------|------------------------|---------------------|--------------------|-------------|
| 6290-1GG | 3 x 6 mm | 2.5 | 0.5 | 102 |
| 6290-2GG | 5 x 10 mm | 3.5 | 0.5 | |
| 6290-3GG | 6 x 13 mm | 3.5 | 0.5 | |
| 6290-4GG | 10 x 19 mm | 4.0 | 0.5 | |
| 6290-NFW | Rivet cutting | 3.5 | 0.5 | |
| 6290-2NFFR | Rivet washing | 3.0 | 0.5 | |

3690-AC

ACETYLENE
Two pieces for KH 36-2
cutting attachment



3690-P

PROPANE
Two pieces for KH 36-2
cutting attachment



2890-F

ACETYLENE



SAF STYLE

G1-A

ACETYLENE



G1-P

PROPANE



AFROX STYLE

AFN

ACETYLENE



| Tip | Cutting Thickness (mm) | Oxy. Pressure (Bar) | Ace./Pro. Pressure (Bar) | Length (mm) |
|-----------|------------------------|---------------------|--------------------------|-------------|
| 3690-00AC | 1-6 | 1.5 | 0.5 | 38 |
| 3690-0AC | 6-13 | 2.0 | 0.5 | |
| 3690-1AC | 13-25 | 2.5 | 1.0 | |
| 3690-2AC | 25-75 | 3.0 | 1.0 | |
| 3690-00P | 1-6 | 1.5 | 0.5 | 38 |
| 3690-0P | 6-13 | 2.0 | 0.5 | |
| 3690-1P | 13-25 | 2.5 | 1.0 | |
| 3690-2P | 25-75 | 3.0 | 1.0 | |
| 2890-1F | 0-10 | 1.0-1.5 | 0.2 | 78 |
| 2890-2F | 10-50 | 1.5-2.5 | 0.3 | |
| 2890-3F | 50-100 | 3.0-4.5 | 0.5 | |
| 2890-4F | 100-125 | 5.0-5.5 | 0.7 | |
| 2890-5F | 125-150 | 5.5-6.0 | 0.7 | |
| 2890-6F | 150-200 | 6.0-6.5 | 0.7 | |

| Tip | Cutting Thickness (mm) | Oxy. Pressure (Bar) | Ace./Pro. Pressure (Bar) | Length (mm) |
|------------|------------------------|---------------------|--------------------------|-------------|
| G1-A-7/10 | 3-10 | 3.0-5.0 | 0.5-1.0 | 86 |
| G1-A-10/10 | 10-25 | 5.0-7.0 | 0.5-1.0 | |
| G1-A-12/10 | 25-50 | 5.0-7.0 | 0.5-1.0 | |
| G1-A-16/10 | 50-80 | 5.0-7.0 | 0.5-1.0 | |
| G1-A-20/10 | 80-120 | 5.0-7.0 | 0.5-1.0 | |
| G1-A-25/10 | 120-200 | 5.0-7.0 | 0.5-1.0 | |
| G1-A-30/10 | 200-300 | 5.0-7.0 | 0.5-1.0 | 86 |
| G1-P-7/10 | 3-10 | 3.0-5.0 | 0.5-1.0 | |
| G1-P-10/10 | 10-25 | 5.0-7.0 | 0.5-1.0 | |
| G1-P-12/10 | 25-50 | 5.0-7.0 | 0.5-1.0 | |
| G1-P-16/10 | 50-80 | 5.0-7.0 | 0.5-1.0 | |
| G1-P-20/10 | 80-120 | 5.0-7.0 | 0.5-1.0 | |
| G1-P-25/10 | 120-200 | 5.0-7.0 | 0.5-1.0 | 86 |
| G1-P-30/10 | 200-300 | 5.0-7.0 | 0.5-1.0 | |

| Tip | Cutting Thickness (mm) | Oxy. Pressure (Bar) | Ace. Pressure (Bar) | Length (mm) |
|-------|------------------------|---------------------|---------------------|-------------|
| AFN-1 | 1-6 | 1.5 | 0.5 | 38 |
| AFN-2 | 6-13 | 2.0 | 0.5 | |
| AFN-3 | 13-25 | 2.5 | 0.5 | |

AIRCO STYLE

164



| Tip | Cutting Thickness (mm) | Orifice (mm) |
|-----|------------------------|--------------|
| 00 | 1-3 | 0.8 |
| 0 | 3-6 | 1.0 |
| 1 | 6-10 | 1.2 |
| 2 | 10-20 | 1.4 |
| 3 | 20-40 | 1.6 |
| 4 | 40-60 | 1.8 |
| 5 | 60-100 | 2.0 |
| 6 | 100-150 | 2.4 |
| 7 | 150-200 | 2.8 |
| 8 | 200-250 | 3.2 |
| 9 | 250-300 | 3.6 |
| 10 | 300-350 | 4.2 |

275



| Tip | Cutting Thickness (mm) | Orifice (mm) |
|-----|------------------------|--------------|
| 00 | 1-3 | 0.8 |
| 0 | 3-6 | 0.9 |
| 1 | 6-10 | 1.0 |
| 2 | 10-20 | 1.2 |
| 3 | 20-40 | 1.6 |
| 4 | 40-60 | 1.9 |
| 5 | 60-100 | 2.2 |
| 6 | 100-150 | 2.5 |
| 7 | 150-200 | 2.7 |
| 8 | 200-250 | 3.2 |
| 9 | 250-300 | 3.4 |
| 10 | 300-350 | 3.6 |

ESAB / OXWELD / PUROX STYLE

1502



| Tip | Cutting Thickness (mm) | Orifice (mm) |
|-----|------------------------|--------------|
| 2 | 6 | 0.6 |
| 3 | 12 | 0.8 |
| 4 | 100 | 2.1 |
| 6 | 100 | 2.1 |
| 8 | 200 | 2.5 |
| 10 | 250 | 2.8 |
| 12 | 300 | 3.0 |
| 16 | 300-400 | 4.1 |
| 18 | 400-460 | 4.6 |
| 20 | 500 | 5.1 |

1503



| Tip | Cutting Thickness (mm) | Orifice (mm) |
|-----|------------------------|--------------|
| 2 | 3 | 0.6 |
| 3 | 10 | 0.8 |
| 4 | 16 | 1.0 |
| 6 | 38 | 1.5 |
| 8 | 100 | 2.1 |
| 10 | 150 | 2.5 |
| 12 | 200 | 3.0 |
| 14 | 250 | 3.6 |
| 16 | 350 | 4.2 |

Welding Tip

V STYLE

W-1 series



OXYGEN-ACETYLENE
Medium Duty
Adapt to KV-100 torch handle

| Size | Length (mm) | Orifice (mm) |
|---------|-------------|--------------|
| W-1-000 | 150 | 0.6 |
| W-1-00 | 150 | 0.7 |
| W-1-0 | 150 | 0.8 |
| W-1-1 | 180 | 0.9 |
| W-1-2 | 205 | 1.0 |
| W-1-3 | 205 | 1.3 |
| W-1-4 | 260 | 1.7 |
| W-1-5 | 260 | 2.0 |
| W-1-6 | 280 | 2.3 |
| W-1-7 | 300 | 2.5 |

W series



OXYGEN-ACETYLENE
Heavy Duty
Adapt to KV-315 torch handle

| Size | Length (mm) | Orifice (mm) |
|-------|-------------|--------------|
| W-000 | 156 | 0.6 |
| W-00 | 156 | 0.7 |
| W-0 | 156 | 0.8 |
| W-1 | 186 | 0.9 |
| W-2 | 206 | 1.0 |
| W-3 | 236 | 1.5 |
| W-4 | 266 | 1.8 |
| W-5 | 296 | 2.2 |
| W-6 | 296 | 2.5 |
| W-7 | 396 | 3.2 |

H STYLE

KHC-W



OXYGEN-ACETYLENE
Heavy Duty
Adapt to KH 63-2 cutting torch & KH 43-2
torch handle
Recommend to use E-43 mixer for #0-10
& E2-43 mixer for #13, #15

| Size | Length (mm) | Orifice (mm) |
|------|-------------|--------------|
| 0 | 114 | 0.5 |
| 1 | 114 | 0.6 |
| 2 | 114 | 0.7 |
| 3 | 114 | 0.8 |
| 4 | 149 | 0.9 |
| 5 | 149 | 1.1 |
| 6 | 182 | 1.3 |
| 7 | 182 | 1.5 |
| 8 | 200 | 1.7 |
| 9 | 200 | 2.0 |
| 10 | 200 | 2.4 |
| 13 | 275 | 3.0 |
| 15 | 307 | 3.2 |



CIGWELD STYLE

551 / 554

ACETYLENE PROPANE



OXYGEN-ACETYLENE / PROPANE

Adapt to KCG-241 torch handle

Recommend to use KCG-243 mixer

| Size | Length (mm) | Orifice (mm) |
|------|-------------|--------------|
| 6 | 150 | 0.6 |
| 8 | 150 | 0.8 |
| 10 | 180 | 1 |
| 12 | 200 | 1.2 |
| 15 | 220 | 1.5 |
| 20 | 240 | 2.0 |
| 26 | 292 | 2.6 |
| 32 | 312 | 3.2 |

AFROX STYLE

KAF-W

DH-W



OXYGEN-ACETYLENE

To use with KAF-303 +KAF-301

OXYGEN-ACETYLENE

To use with KAF-403 +KAF-401

| Model | Size | Material thickness (mm) | Oxy. Pressure (Bar) | Ace. Pressure (Bar) | Tip Length (mm) |
|---------|------|-------------------------|---------------------|---------------------|-----------------|
| KAF-W1 | 1 | 0.9 | 1.0 | 0.15 | 130 |
| KAF-W2 | 2 | 1.2 | 1.0 | 0.15 | 130 |
| KAF-W3 | 3 | 2.0 | 1.0 | 0.15 | 130 |
| KAF-W5 | 5 | 2.6 | 1.0 | 0.15 | 130 |
| KAF-W7 | 7 | 3.2 | 1.0 | 0.15 | 175 |
| KAF-W10 | 10 | 4.0 | 2.0 | 0.20 | 175 |
| KAF-W13 | 13 | 5.0 | 2.0 | 0.30 | 175 |
| KAF-W18 | 18 | 6.5 | 2.5 | 0.40 | 280 |
| KAF-W25 | 25 | 8.2 | 2.5 | 0.40 | 280 |
| KAF-W35 | 35 | 10.0 | 2.5 | 0.60 | 280 |
| KAF-W45 | 45 | 13.0 | 3.0 | 0.60 | 335 |
| KAF-W55 | 55 | 19.0 | 3.0 | 0.60 | 335 |
| KAF-W70 | 70 | 25.0 | 3.0 | 0.60 | 335 |
| KAF-W90 | 90 | 25+ | 3.0 | 0.60 | 335 |

| Model | Size |
|--------|------|
| DH-W1 | 1 |
| DH-W2 | 2 |
| DH-W3 | 3 |
| DH-W5 | 5 |
| DH-W7 | 7 |
| DH-W10 | 10 |
| DH-W13 | 13 |
| DH-W18 | 18 |
| DH-W25 | 25 |

AGA STYLE

KG11-W



OXYGEN-ACETYLENE

| Model | Size | Length (mm) | Orifice (mm) |
|-----------------|------|-------------|--------------|
| KG11-W1 (80L) | 1 | 190 | 0.9 |
| KG11-W2 (160L) | 2 | 205 | 1.0 |
| KG11-W3 (315L) | 3 | 230 | 1.2 |
| KG11-W4 (500L) | 4 | 250 | 1.5 |
| KG11-W5 (800L) | 5 | 270 | 2.0 |
| KG11-W6 (1000L) | 6 | 280 | 2.7 |
| KG11-W7 (1250L) | 7 | 320 | 3.0 |

KG11-BW



OXYGEN-ACETYLENE

| Model | Size | Length (mm) | Orifice (mm) |
|------------------|------|-------------|--------------|
| KG11-BW1 (80L) | 1 | 215 | 0.7 |
| KG11-BW2 (160L) | 2 | 215 | 0.9 |
| KG11-BW3 (315L) | 3 | 215 | 1.3 |
| KG11-BW4 (500L) | 4 | 215 | 1.5 |
| KG11-BW5 (800L) | 5 | 215 | 1.7 |
| KG11-BW6 (1000L) | 6 | 215 | 2.0 |

KG11-CW



OXYGEN-ACETYLENE

| Model | Size | Length (mm) | Orifice (mm) |
|------------------|------|-------------|--------------|
| KG11-CW1 (80L) | 1 | 225 | 0.7 |
| KG11-CW2 (160L) | 2 | 225 | 0.9 |
| KG11-CW3 (315L) | 3 | 225 | 1.3 |
| KG11-CW4 (500L) | 4 | 225 | 1.5 |
| KG11-CW5 (800L) | 5 | 225 | 1.7 |
| KG11-CW6 (1000L) | 6 | 225 | 2.0 |

KG21-W



OXYGEN-ACETYLENE

| Model | Size | Length (mm) | Orifice (mm) |
|------------------|------|-------------|--------------|
| KG21-W1 (80L) | 1 | 215 | 0.7 |
| KG21-W2 (160L) | 2 | 230 | 1.0 |
| KG21-W3 (315L) | 3 | 250 | 1.2 |
| KG21-W4 (500L) | 4 | 270 | 1.5 |
| KG21-W5 (800L) | 5 | 290 | 2.0 |
| KG21-W5E (1000L) | 5E | 310 | 2.4 |
| KG21-W6 (1250L) | 6 | 330 | 2.7 |

Heating Tip

AGA STYLE

KG11-H



OXYGEN-ACETYLENE

| Model | Size | Length (mm) |
|-----------------|------|-------------|
| KG11-H1 (500L) | 2A | 230 |
| KG11-H2 (800L) | 4A | 230 |
| KG11-H3 (1000L) | 6A | 230 |

KG21-H



OXYGEN-ACETYLENE

| Model | Size | Length (mm) |
|-----------------|------|-------------|
| KG21-H1 (1000L) | 6A | 270 |
| KG21-H2 (2500L) | 8A | 650 |
| KG21-H3 (5000L) | 10A | 650 |

V STYLE

MFA-1



OXYGEN-ACETYLENE

Medium Duty

Adapt to KV-100 torch handle

| Size | Length (mm) |
|---------|-------------|
| MFA-1-4 | 304.8 |
| MFA-1-6 | 304.8 |
| MFA-1-8 | 304.8 |

MFA



OXYGEN-ACETYLENE

Heavy Duty

Adapt to KV-315 torch handle

| Size | Length (mm) |
|--------|-------------|
| MFA-4 | 304.8 |
| MFA-6 | 304.8 |
| MFA-8 | 304.8 |
| MFA-10 | 304.8 |
| MFA-12 | 444.5 |
| MFA-15 | 444.5 |

H STYLE

J-63

Medium to Heavy Duty
Adapt to E-43 Mixer



| Size | Length (mm) | Tube Material |
|------|-------------|---------------|
| 1 | 280 | Copper |
| 2 | 280 | |
| 3 | 450 | Stainless |
| 4 | 450 | |
| 5 | 450 | |

2290-H

OXYGEN-PROPANE
Heavy Duty



| Model | Oxy.Pressure (kg/cm ²) | Flow (Lt./Hr.) | Pro.Pressure (kg/cm ²) | Flow (Lt./Hr.) |
|---------|------------------------------------|----------------|------------------------------------|----------------|
| 2290-1H | 1-2 | 4.000-7.000 | 1/2 | 1.000-2.000 |
| 2290-2H | 2-3 | 5.900-12.800 | 1/2 | 1.500-3.200 |
| 2290-3H | 2-5 | 8.500-22.900 | 1 | 2.200-5.700 |
| 2290-4H | 3-6 | 14.200-28.400 | 1 | 3.600-7.100 |
| 2290-5H | 4-8 | 17.000-39.700 | 1-2 | 4.300-10.000 |

2393/2395

Tip Tube



| Model | Size | Length (mm) | Material | Style |
|------------|------|-------------|----------------------------|---------|
| 2393-275L | 1 | 275 | Copper (1/2"-25 UNS) | H Style |
| 2393-420L | 2 | 420 | | |
| 2393-720L | 3 | 720 | | |
| 2393-915L | 4 | 915 | | |
| 2393-275LS | 1 | 275 | Stainless (1/2"-25 UNS) | H Style |
| 2393-420LS | 2 | 420 | | |
| 2393-720LS | 3 | 720 | | |
| 2393-915LS | 4 | 915 | | |
| 2395-450LS | 1 | 450 | Stainless (1/2"-20 UNF) | CIGWELD |
| 2395-700LS | 2 | 700 | | |
| 2395-735LS | 3 | 735 | | |

D-50-C / 8593



Tip Tube

| Model | Length (mm) | Head Thread | Tail Thread |
|--------|-------------|-------------|-------------|
| D-50-C | 134 | 3/8"-24N | 5/16"-27N |
| 8593 | 134 | 3/8"-24N | 23/64"-26N |

1390 / 1390-N

ACETYLENE PROPANE



OXYGEN-ACETYLENE / PROPANE
Brazing tip

| Model | Metal Thickness | Length (mm) | Thread |
|---------|-----------------|-------------|----------|
| 1390-00 | 0.3 | 33 | 3/8"-24N |
| 1390-0 | 0.4 | 33 | 3/8"-24N |
| 1390-1 | 0.8 | 33 | 3/8"-24N |
| 1390-2 | 1.2 | 33 | 3/8"-24N |
| 1390-3 | 1.6 | 42 | 3/8"-24N |
| 1390-4 | 2.4 | 42 | 3/8"-24N |
| 1390-5 | 3.1 | 49 | 3/8"-24N |
| 1390-6 | 4.8 | 49 | 3/8"-24N |
| 1390-7 | 6.4 | 49 | 3/8"-24N |
| 1390-8 | 8.0 | 49 | 3/8"-24N |
| 1390-9 | 9.5 | 49 | 3/8"-24N |
| 1390-10 | 12.7 | 49 | 3/8"-24N |

1390-H/1390-HA



Heating tip

| Model | Length (mm) | Thread | Gas | Material |
|----------|-------------|----------|---------------|----------|
| 1390-H | 35 | 3/8"-24N | Oxy-Propane | Brass |
| 1390-H1 | 35 | 3/8"-24N | Oxy-Propane | Copper |
| 1390-HA | 35 | 3/8"-24N | Oxy-Acetylene | Brass |
| 1390-HA1 | 35 | 3/8"-24N | Oxy-Acetylene | Copper |

CIGWELD STYLE

KCG-H



OXYGEN-ACETYLENE
Adapt to KCG-241 torch handle
& KCG-243 mixer

| Model | Size | Length (mm) |
|--------|-----------|-------------|
| KCG-H | 3/8"-26N | 280 |
| KCG-HA | 7/16"-27N | 280 |

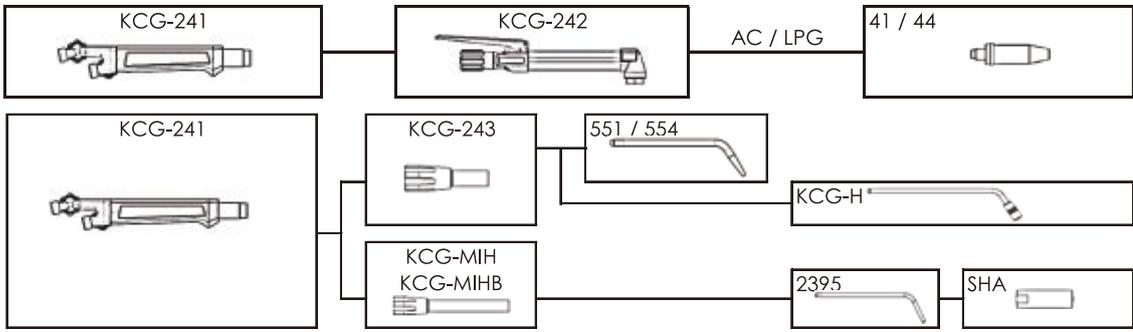
SHA



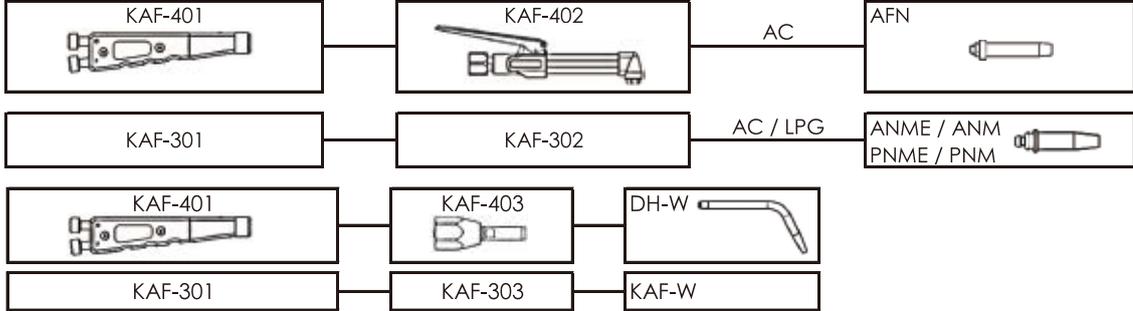
OXYGEN-ACETYLENE

| Size | Thread |
|------|----------|
| SHA1 | 1/2 x 20 |
| SHA2 | 1/2 x 20 |

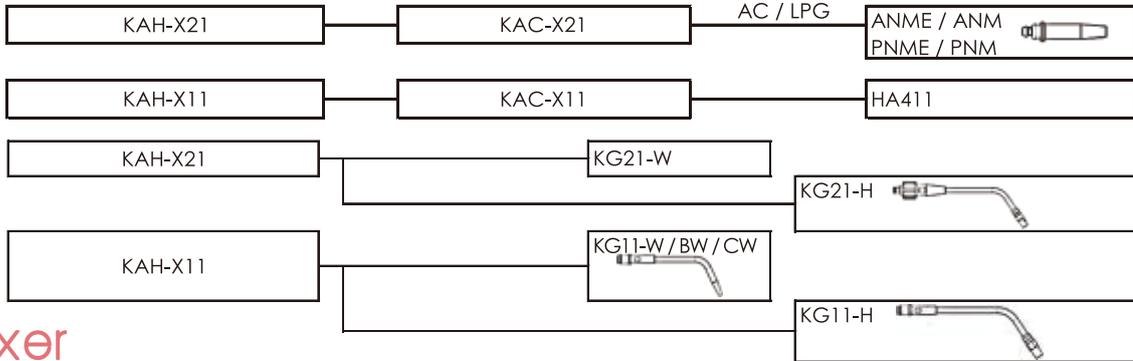
CG STYLE



AF STYLE



AGA STYLE



Mixer

H STYLE



F-43

For 2290-H series heating tips
For Propane
1/2"-25N

AFROX STYLE



KAF-403

For DH-W welding tips
1/4"-26N

CIGWELD STYLE



KCG-243

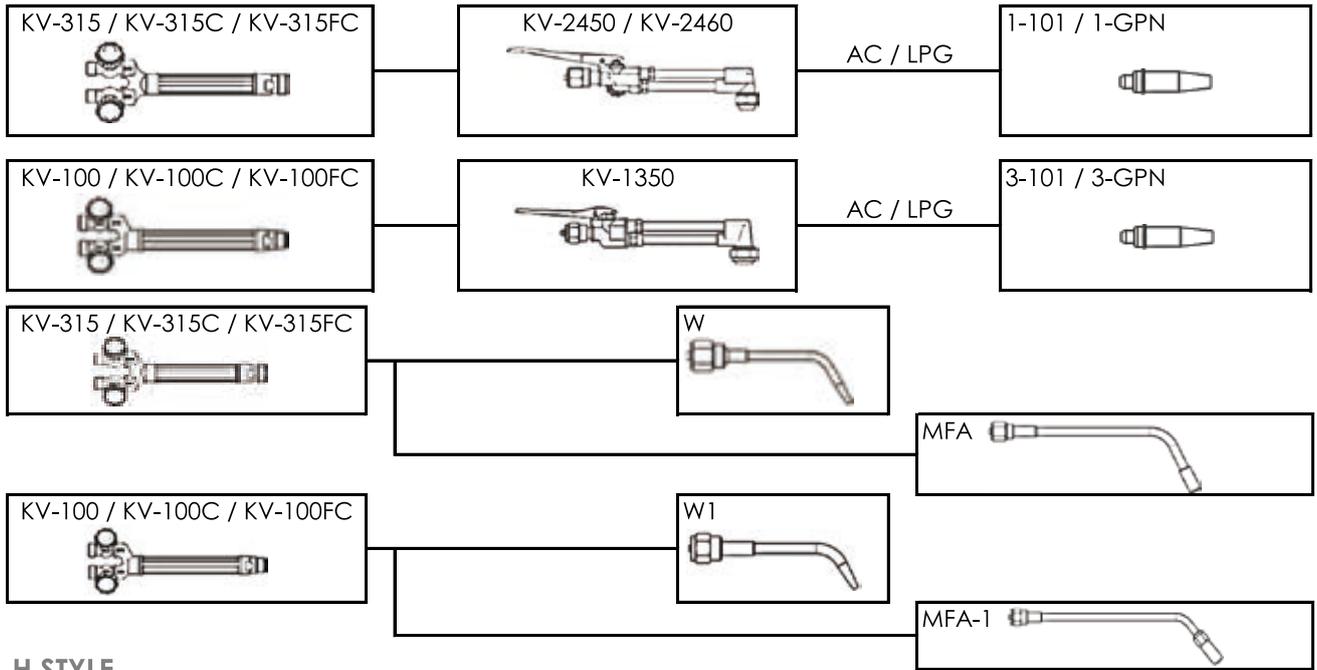
For KMG-H and KMG-W tips
3/8"-26N

KCG-MIHB

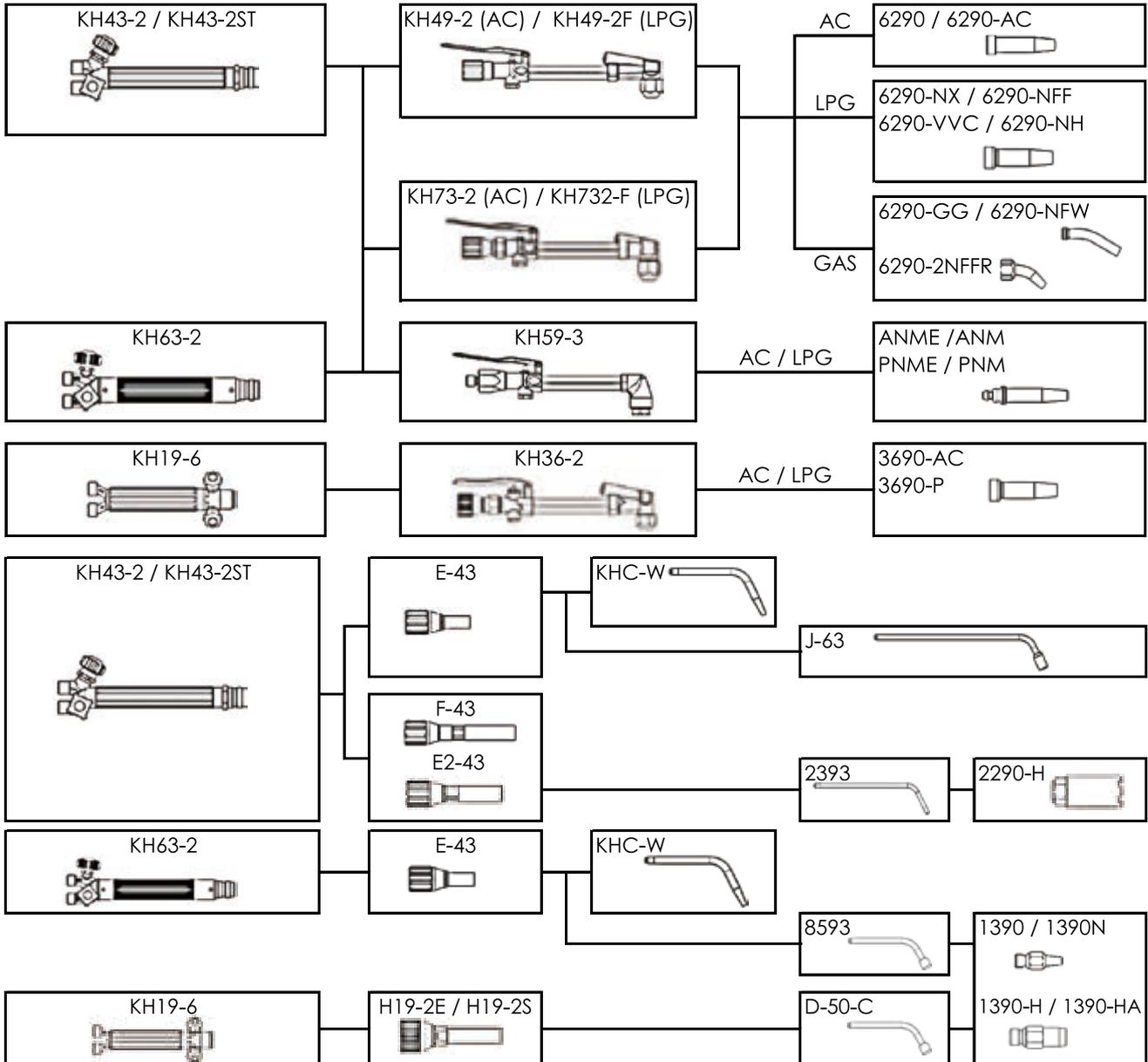
For Propane
1/2"-20N

Assembled Chart

V STYLE



H STYLE

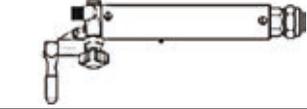
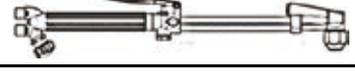
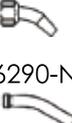
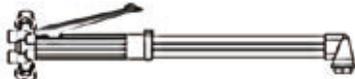


Hand Cutting Torch

V STYLE

| | | |
|--|----------|--|
|  <p>KC-1200</p> | AC / LPG | <p>1-101 / 1-GPN</p>  |
|  <p>KC-900A</p> | AC / LPG | <p>ANME / ANM PNME / PNM 164 / 275</p>  |
|  <p>KC-900B</p> | AC / LPG | <p>1-101 / 1-GPN</p>  |
|  <p>KC-900C</p> | AC / LPG | <p>1502 / 1503</p>  |

H STYLE

| | | |
|--|----------|--|
|  <p>KH-198-2T (AC) / KH-198-2TF</p> | AC | <p>6290 / 6290-AC</p>  |
|  <p>KH-198-3T (AC) / KH-198-3TF</p> | LPG | <p>6290-NX / 6290-NFF 6290-VVC / 6290-NH</p>  |
|  <p>KH62-3 (AC) / KH62-3F (LPG)</p> | AC | <p>6290 / 6290-AC</p>  |
|  <p>KH42-4 (AC) / KH42-4F (LPG)</p> | LPG | <p>6290-NX / 6290-NFF 6290-VVC / 6290-NH</p>  |
|  <p>KH42-4E</p> | GAS | <p>6290-2NFFR 6290-GG / 6290-NFW</p>  |
|  <p>KH-142</p> | AC / LPG | <p>ANME / ANM PNME / PNM</p>  |
|  <p>KH-142B</p> | AC / LPG | <p>ANME / ANM PNME / PNM</p>  |
|  <p>KNM-250</p> | AC / LPG | <p>ANME / ANM PNME / PNM</p>  |
|  <p>1607</p> | AC / LPG | <p>G1-A / G1-P</p>  |

FLASHBACK ARRESTORS

Flashback Arrestors Tester

KAT-199

Fast and Easy Operated
Make sure your safety guaranty

The flashback arrestor tester is small, lightweight and mobile to simply test how a flashback arrestor stops the flame. Just attach to oxygen and acetylene operate. It is supplied with quick connect couplings for operating easily and detailed instruction manuals.



F621-9R
Flashback Arrestor



R626-9R
Quick Coupling



S627-1R
Quick Coupling



F621-9L
Flashback Arrestor



R626-9L
Quick Coupling



S627-1L
Quick Coupling



R626-9R
R626-9L
Quick Coupling



S628-9R
S628-9L
Quick Coupling



F611-9R
Flashback Arrestor



T616-9R
Quick Coupling



S617-1R
Quick Coupling



F611-9L
Flashback Arrestor



T616-9L
Quick Coupling



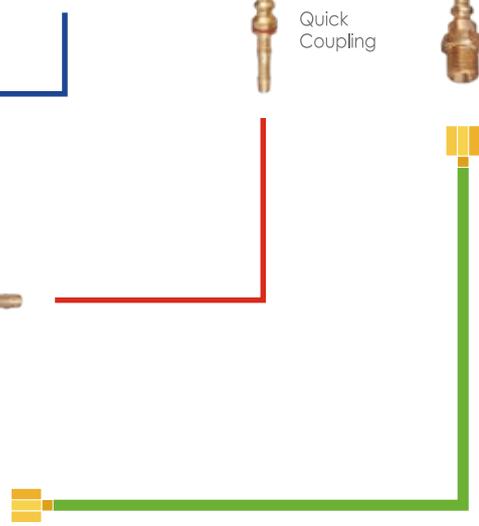
S617-1L
Quick Coupling



T616-9R
T616-9L
Quick Coupling

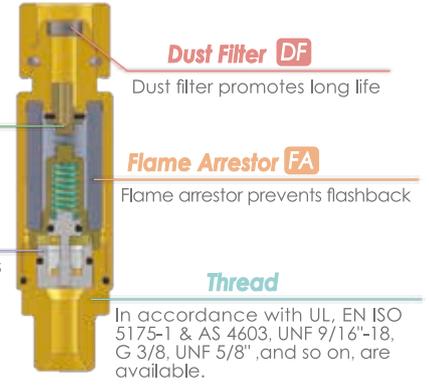


S618-9R
S618-9L
Quick Coupling



FLASHBACK ARRESTORS

| Function | F611 | F612 | F621 | F622 | F631 | F628 | F821 |
|---|------|------|------|------|------|------|------|
| DF Dust Filter | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| NV Non-Return Valve | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| FA Flame Arrestor | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| TV Temperature sensitive cut-off valve | | | | | | | ✓ |



Temperature sensitive cut-off valve TV
Thermal cut-off valve prevents excessive temperatures.

F611 For Torch Handle
DF NV FA

UL LISTED CONFORMITY WITH **EN ISO 5175-1 AS 4603**



Size:Φ21.3×L60mm

F612 For Torch Handle
DF NV FA

CONFORMITY WITH **EN ISO 5175-1 AS 4603**



Size:Φ21.3×L76mm

Reliable quality is key point to have safe protection to user

Maximum working pressure for UL:

- Oxygen: 145Psi (10Bar)
- Acetylene: 15Psi (1Bar)
- MPS Gas: 22Psi (1.5Bar)
- LP-Gas, Hydrogen, Methane, Natural Gas: 50Psi (3.5Bar)

Maximum working pressure for AS 4603 & EN ISO 5175-1:

- Oxygen: 360Psi (25Bar)
- Acetylene / MPS Gas: 22Psi (1.5Bar)
- Hydrogen Gas: 50Psi (3.5Bar)
- LP-Gas, Methane, Natural Gas: 72.5Psi (5.0Bar)

| Model | Gas | Max Flow (Lt./Hr.) | Inlet | Outlet |
|----------|----------|--------------------|---------------|---------------|
| F611-9R | Oxygen | 7000 | 9/16"×18 R.H. | 9/16"×18 R.H. |
| F611-9L | Fuel Gas | 2600 | 9/16"×18 L.H. | 9/16"×18 L.H. |
| F611-3R | Oxygen | 7000 | G 3/8 R.H. | G 3/8 R.H. |
| F611-3L | Fuel Gas | 2600 | G 3/8 L.H. | G 3/8 L.H. |
| F611-5R | Oxygen | 7000 | 5/8"×18 R.H. | 5/8"×18 R.H. |
| F611-5L | Fuel Gas | 2600 | 5/8"×18 L.H. | 5/8"×18 L.H. |
| F611-1R | Oxygen | 7000 | G 1/4 R.H. | G 1/4 R.H. |
| F611-1L | Fuel Gas | 2600 | G 1/4 L.H. | G 1/4 L.H. |
| F611-16R | Oxygen | 7000 | M16×1.5 R.H. | M16×1.5 R.H. |
| F611-16L | Fuel Gas | 2600 | M16×1.5 L.H. | M16×1.5 L.H. |

| Model | Gas | Max Flow (Lt./Hr.) | Inlet | Outlet |
|----------|----------|--------------------|-------|---------------|
| F612-9R | Oxygen | 7000 | | 9/16"×18 R.H. |
| F612-9L | Fuel Gas | 2600 | | 9/16"×18 L.H. |
| F612-3R | Oxygen | 7000 | 5mm | G 3/8 R.H. |
| F612-3L | Fuel Gas | 2600 | 6mm | G 3/8 L.H. |
| F612-5R | Oxygen | 7000 | 8mm | 5/8"×18 R.H. |
| F612-5L | Fuel Gas | 2600 | | 5/8"×18 L.H. |
| F612-1R | Oxygen | 7000 | | G 1/4 R.H. |
| F612-1L | Fuel Gas | 2600 | | G 1/4 L.H. |
| F612-16R | Oxygen | 7000 | | M16×1.5 R.H. |
| F612-16L | Fuel Gas | 2600 | | M16×1.5 L.H. |

F621 For Regulator
DF NV FA

UL LISTED CONFORMITY WITH **EN ISO 5175-1 AS 4603**



Size:Φ21.3×L60mm

F622 For Regulator
DF NV FA

CONFORMITY WITH **EN ISO 5175-1 AS 4603**



Size:Φ21.3×L76mm

| Model | Gas | Max Flow (Lt./Hr.) | Inlet | Outlet |
|----------|----------|--------------------|---------------|---------------|
| F621-9R | Oxygen | 7000 | 9/16"×18 R.H. | 9/16"×18 R.H. |
| F621-9L | Fuel Gas | 2600 | 9/16"×18 L.H. | 9/16"×18 L.H. |
| F621-3R | Oxygen | 7000 | G 3/8 R.H. | G 3/8 R.H. |
| F621-3L | Fuel Gas | 2600 | G 3/8 L.H. | G 3/8 L.H. |
| F621-5R | Oxygen | 7000 | 5/8"×18 R.H. | 5/8"×18 R.H. |
| F621-5L | Fuel Gas | 2600 | 5/8"×18 L.H. | 5/8"×18 L.H. |
| F621-1R | Oxygen | 7000 | G 1/4 R.H. | G 1/4 R.H. |
| F621-1L | Fuel Gas | 2600 | G 1/4 L.H. | G 1/4 L.H. |
| F621-16R | Oxygen | 7000 | M16×1.5 R.H. | M16×1.5 R.H. |
| F621-16L | Fuel Gas | 2600 | M16×1.5 L.H. | M16×1.5 L.H. |

| Model | Gas | Max Flow (Lt./Hr.) | Inlet | Outlet |
|----------|----------|--------------------|-------|---------------|
| F622-9R | Oxygen | 7000 | | 9/16"×18 R.H. |
| F622-9L | Fuel Gas | 2600 | | 9/16"×18 L.H. |
| F622-3R | Oxygen | 7000 | 5mm | G 3/8 R.H. |
| F622-3L | Fuel Gas | 2600 | 6mm | G 3/8 L.H. |
| F622-5R | Oxygen | 7000 | 8mm | 5/8"×18 R.H. |
| F622-5L | Fuel Gas | 2600 | | 5/8"×18 L.H. |
| F622-1R | Oxygen | 7000 | | G 1/4 R.H. |
| F622-1L | Fuel Gas | 2600 | | G 1/4 L.H. |
| F622-16R | Oxygen | 7000 | | M16×1.5 R.H. |
| F622-16L | Fuel Gas | 2600 | | M16×1.5 L.H. |

F628 For Regulator
DF NV FA

UL LISTED CONFORMITY WITH EN ISO 5175-1 AS 4603



Size: $\Phi 22.2 \times L86$ mm

Nickel Plating

| Model | Gas | Max Flow (m ³ /h) | Inlet | Outlet |
|----------|----------|------------------------------|---------------|---------------|
| F628-9R | Oxygen | 49.2 | 9/16"x18 R.H. | 9/16"x18 R.H. |
| F628-9L | Fuel Gas | 19.02 | 9/16"x18 L.H. | 9/16"x18 L.H. |
| F628-3R | Oxygen | 49.2 | G 3/8 R.H. | G 3/8 R.H. |
| F628-3L | Fuel Gas | 19.02 | G 3/8 L.H. | G 3/8 L.H. |
| F628-5R | Oxygen | 49.2 | 5/8"x18 R.H. | 5/8"x18 R.H. |
| F628-5L | Fuel Gas | 19.02 | 5/8"x18 L.H. | 5/8"x18 L.H. |
| F628-1R | Oxygen | 49.2 | G 1/4 R.H. | G 1/4 R.H. |
| F628-1L | Fuel Gas | 19.02 | G 1/4 L.H. | G 1/4 L.H. |
| F628-16R | Oxygen | 49.2 | M16x1.5 R.H. | M16x1.5 R.H. |
| F628-16L | Fuel Gas | 19.02 | M16x1.5 L.H. | M16x1.5 L.H. |

F821 For Regulator
DF NV FA TV

UL LISTED CONFORMITY WITH EN ISO 5175-1 AS 4603



Size: $\Phi 22.2 \times L86$ mm

| Model | Gas | Max Flow (m ³ /h) | Inlet | Outlet |
|----------|----------|------------------------------|---------------|---------------|
| F821-9R | Oxygen | 49.2 | 9/16"x18 R.H. | 9/16"x18 R.H. |
| F821-9L | Fuel Gas | 19.02 | 9/16"x18 L.H. | 9/16"x18 L.H. |
| F821-3R | Oxygen | 49.2 | G 3/8 R.H. | G 3/8 R.H. |
| F821-3L | Fuel Gas | 19.02 | G 3/8 L.H. | G 3/8 L.H. |
| F821-5R | Oxygen | 49.2 | 5/8"x18 R.H. | 5/8"x18 R.H. |
| F821-5L | Fuel Gas | 19.02 | 5/8"x18 L.H. | 5/8"x18 L.H. |
| F821-1R | Oxygen | 49.2 | G 1/4 R.H. | G 1/4 R.H. |
| F821-1L | Fuel Gas | 19.02 | G 1/4 L.H. | G 1/4 L.H. |
| F821-16R | Oxygen | 49.2 | M16x1.5 R.H. | M16x1.5 R.H. |
| F821-16L | Fuel Gas | 19.02 | M16x1.5 L.H. | M16x1.5 L.H. |

Reliable quality is key point to have safe protection to user

Maximum working pressure for UL:

- Oxygen: 145Psi (10Bar)
- Acetylene: 15Psi (1Bar)
- MPS Gas: 22Psi (1.5Bar)
- LP-Gas, Hydrogen, Methane, Natural Gas: 50Psi (3.5Bar)

F631 For Hose
DF NV FA

CONFORMITY WITH EN ISO 5175-1 AS 4603



Size: $\Phi 21.3 \times L86$ mm

| Model | Gas | For | Max Flow (Lt./Hr.) | Max Inlet Pressure (Bar) | Inlet Φ mm | Outlet Φ mm |
|---------|----------|------|--------------------|--------------------------|-----------------|------------------|
| F631-8R | Oxygen | Hose | 7000 | 10 | 8 | 8 |
| F631-8L | Fuel Gas | | 2600 | 1.5 | 8 | 8 |
| F631-6R | Oxygen | | 7000 | 10 | 6 | 6 |
| F631-6L | Fuel Gas | | 2600 | 1.5 | 6 | 6 |

Maximum working pressure for AS 4603 & EN ISO 5175-1:

- Oxygen: 360Psi (25Bar)
- Acetylene / MPS Gas: 22Psi (1.5Bar)
- Hydrogen Gas: 50Psi (3.5Bar)
- LP-Gas, Methane, Natural Gas: 72.5Psi (5.0Bar)

Check Valve

88-3



| Model | Gas | Inlet | Outlet |
|----------|-----------|--------------|--------------|
| 88-3FGR | Oxygen | 9/16"x18 UNF | 9/16"x18 UNF |
| 88-3FGL | Acetylene | | 9/16"x18 UNF |
| 88-3CTR | Oxygen | M16X1.5 | M16X1.5 |
| 88-3CTL | Acetylene | | M16X1.5 |
| 88-3GBR2 | Oxygen | G 3/8 | G 3/8 |
| 88-3GBL2 | Acetylene | | G 3/8 |
| 88-3AR1 | Oxygen | 5/8"x18 UNF | 5/8"x18 UNF |
| 88-3AL1 | Acetylene | | 5/8"x18 UNF |
| 88-3GBR1 | Oxygen | G 1/4 | G 1/4 |
| 88-3GBL1 | Acetylene | | G 1/4 |

Reverse flow check valve for torch

To help prevent dangerous reverse flow mixing of gas in hose and regulators

ACCESSORIES

QUICK COUPLING

T616 For Torch End



S617 For Hose



S618 For Hose



| Model | Description | Gas | Connection type | type | |
|---------|-------------|-------------|-----------------|---------------|-------------|
| T616-9L | Male | Acetylene | 9/16"x18LH | For Torch End | |
| T616-9R | | Oxygen | 9/16"x18RH | | |
| T616-3L | | Acetylene | 3/8"xP | | |
| T616-3R | | Oxygen | 3/8"xP | | |
| S617-1L | Female | Acetylene | 1/4" (6mm) | For Hose | |
| S617-3L | | | 3/16" (5mm) | | |
| S617-5L | | | 5/16" (8mm) | | |
| S617-1R | | | 1/4" (6mm) | | |
| S617-3R | | Oxygen | 3/16" (5mm) | | |
| S617-5R | | 5/16" (8mm) | | | |
| S618-1L | | Acetylene | 1/4" (6mm) | | |
| S618-3L | | | 3/16" (5mm) | | |
| S618-5L | | | 5/16" (8mm) | | |
| S618-1R | | | 1/4" (6mm) | | |
| S618-3R | | | Oxygen | | 3/16" (5mm) |
| S618-5R | | | 5/16" (8mm) | | |

R626 For Regulator End



S627 For Hose



S628 For Hose



| Model | Description | Gas | Connection type | type |
|---------|-------------|-------------|-----------------|-------------------|
| R626-9L | Female | Acetylene | 9/16"x18LH | For Regulator End |
| R626-9R | | Oxygen | 9/16"x18RH | |
| R626-3L | | Acetylene | 3/8"xP | |
| R626-3R | | Oxygen | 3/8"xP | |
| S627-1L | Male | Acetylene | 1/4" (6mm) | For Hose |
| S627-3L | | | 3/16" (5mm) | |
| S627-5L | | | 5/16" (8mm) | |
| S627-1R | | | 1/4" (6mm) | |
| S627-3R | | Oxygen | 3/16" (5mm) | |
| S627-5R | | 5/16" (8mm) | | |
| S628-9L | | Acetylene | 9/16"x18LH | |
| S628-9R | | Oxygen | 9/16"x18RH | |
| S628-3L | | Acetylene | 3/8"xP | |
| S628-3R | | Oxygen | 3/8"xP | |

Hose Connection Stems & Nuts

Stem



| Model | Hose |
|------------|--------------|
| HS91 9/16" | 3/8" Ø 9.5mm |
| HS51 5/8" | 5/16" Ø 8mm |
| HS161 M16 | 1/4" Ø 6mm |
| HS11 G1/4" | 3/16" Ø 5mm |
| HS31 G3/8" | |

Nut



| Model | Thread |
|------------|-----------|
| HN-9R/9L | 9/16"x18 |
| HN-5R/5L | 5/8"x18 |
| HN-16R/16L | M16x1.5-R |
| HN-1R/1L | G1/4 |
| HN-3R/3L | G3/8 |

Outlet nipple for regulator

Outlet nipple



| Model | Gas | Thread |
|------------|------------------|----------|
| ON-9R/9L | Oxygen/Acetylene | 9/16"x18 |
| ON-5R/5L | Oxygen/Acetylene | 5/8"x18 |
| ON-16R/16L | Oxygen/Acetylene | M16x1.5 |
| ON-1R/1L | Oxygen/Acetylene | G1/4 |
| ON-3R/3L | Oxygen/Acetylene | G3/8 |
| ON-G9R | Argon-CO2 | 9/16"x18 |
| ON-G5R | Argon-CO2 | 5/8"x18 |
| ON-G16R | Argon-CO2 | M16x1.5 |
| ON-G1R | Argon-CO2 | G1/4 |
| ON-G3R | Argon-CO2 | G3/8 |

ACCESSORIES

Y piece

3Y-V



With two needle valves

3Y



Without valve

Rubber Welding Hose



KY-TH

Twin Hose with fitting

| KY-TH SIZE | Twin Hose Length |
|------------|-----------------------|
| 1/4" | |
| 3/16" | 15"/ 16.5"/ 20"/ 25"/ |
| 5/16" | 50"/ 100"/ 330" |
| 3/8" | |
| 5mm | 5M/ 10M/ 15M/ |
| 5mm | 20M/25M/ 30M / 100M |
| 10mm | |



KY-SH

Single Hose with fitting

| KY-SH SIZE | Single Hose Length |
|------------|--------------------|
| 1/4" | 3M/10" |
| 3/16" | 5M/33" |
| 5mm | 4.5M/15" |
| 5mm | 15M/50" |
| 10mm | 20M/60" |
| 10mm | 100M/330" |

Circle Guide



R-69-3B

Adapt to 6290 cutting tips
Maximum circles to 750 mm

R-CG-H

Adapt to 6290 cutting tips

R-CG-C

Adapt to 41, 44 cutting tips

R-CG-V

Adapt to 1-101, 1-GPN cutting tips

R-CG-B

Adapt to ANME, PNME cutting tips

R-CG-A

Adapt to HA411 cutting tips

Wrench / Spanner

K-63-8



8 ways multiple wrench

K-63-10



10 ways multiple wrench

KCG-SP



5 ways multiple wrench

KCG-SP2



Cylinder spanner

KM-SP



2 ways cylinder spanner

CK-SP



Cylinder spanner

Spark Lighter / Flint

KY-901



Spark lighter, round file

KY-902



Spark lighter, triple flints

KY-903



Pistol type lighter

Tip Cleaner

KY-309



Calibrated tip cleaner, 13 pieces

Gouging Torch

K-3



Complete with 7' swivel cable & span wrench

K-4



Natural 15 angle in the torch complete with 7' swivel cable & span wrench

PRESSURE GAUGE

Gauge size

BRASS 2.5"



STEEL 2.5"



STEEL 2"



STEEL 1.5"



Detailed specification subject to our confirmation

| Gauge Face Size | Pressure Range (BAR) | | | | | | |
|-------------------|----------------------|----|----|----|-----|-----|-----|
| 1.5" Bottom Entry | 315 | | | | | | |
| 1.5" Back Entry | 315 | | | | | | |
| 1.9" Bottom Entry | 2.5 | 6 | 16 | 40 | 315 | | |
| 2" Bottom Entry | 2.5 | 16 | 40 | 70 | 300 | 315 | 400 |
| 2.5" Bottom Entry | | 16 | | | | | |

| Gauge Face Size | Pressure Range (PSI) | | | | | | |
|-------------------|----------------------|-----|-----|------|-----|------|------|
| 1.5" Bottom Entry | 30 | 100 | 400 | 4000 | | | |
| 1.5" Back Entry | | | | | | | |
| 1.9" Bottom Entry | 30 | 60 | 100 | 200 | 400 | 4000 | |
| 2" Bottom Entry | 30 | 60 | 100 | 200 | 400 | 1000 | 4000 |
| 2.5" Bottom Entry | 30 | 60 | 100 | 200 | 400 | 1000 | 4000 |

| | | |
|----------------------|-------------------|---------------------|
| Thread | 2.5" - 2" | 1/4 NPT |
| | 1.9" - 1.5" | 1/8 NPT |
| Gauge Cover Material | Screw-fitted type | PC |
| | Snap-in type | PMMA |
| Accuracy | | ±3.5% of full scale |

Dial scale unit and design can be customized according to needs

Certificates



MICRO TORCH / SOLDERING IRON

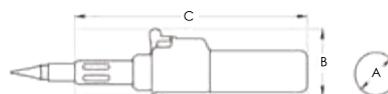
Butane Blow Torch



| Item No. | KRK2050 | KRK2540 | KRK3530 | KRK2096 | KRK2616 | KRK2131 | |
|---|---------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|
| Grip Diameter (A) | 35mm | 35mm | 35mm | 35mm | 45mm | 45mm | |
| Width (B) | 93mm | 95mm | 42mm | 125mm | 141mm | 127mm | |
| Height (C) | 145mm | 156mm | 239mm | 185mm | 188mm | 182mm | |
| Dry weight (W/O Fuel) | 190g | 180g | 175g | 240g | 314g | 368g | |
| Gas capacity (±10%) | 20 grams | 20 grams | 20 grams | 20 grams | 38 grams | 38 grams | |
| Max. Temperature Attainable | 1,250±50°C or 2,280±120°F | 1,250±50°C or 2,280±120°F | 1,250±50°C or 2,280±120°F | 1,250±50°C or 2,280±120°F | 1,250±50°C or 2,280±120°F | 1,250±50°C or 2,280±120°F | |
| Working time (Depending on flame setting) | large flame(min) | About 55minutes per filling | About 42minutes per filling | About 20minutes per filling | About 55minutes per filling | About 34minutes per filling | About 34minutes per filling |
| | small flame (min) | About 113minutes per filling | About 83minutes per filling | About 40minutes per filling | About 113minutes per filling | About 89minutes per filling | About 89minutes per filling |
| Certification | | | | | | | |

Soldering Tool Kit

KRK-3114



| Item No. | KRK3114 | |
|---|---------------------------|---------------------------------|
| Grip Diameter (A) | 25mm | |
| Width (B) | 31mm | |
| Height (C) | 189mm | |
| Dry weight (W/O Fuel) | 90g | |
| Gas capacity (±10%) | 7~7.5 grams | |
| Max. Temperature Attainable | 1,250±50°C or 2,280±120°F | |
| Working time (Depending on flame setting) | large flame(min) | About 30~40 minutes per filling |
| | small flame (min) | About 45~70 minutes per filling |

KRK-3124



| Item No. | KRK3124 | |
|---|---------------------------|---------------------------------|
| Grip Diameter (A) | 25mm | |
| Width (B) | 37mm | |
| Height (C) | 193mm | |
| Dry weight (W/O Fuel) | 93g | |
| Gas capacity (±10%) | 7~7.5 grams | |
| Max. Temperature Attainable | 1,250±50°C or 2,280±120°F | |
| Working time (Depending on flame setting) | large flame(min) | About 30~40 minutes per filling |
| | small flame (min) | About 45~70 minutes per filling |

WELDING PROTECTION

Welding Goggles



KWS2006

CE EN166, EN169

Flip-up lenses are offered in multiple IR Welding Shades. IR 3 and IR 5 are available.
300 pcs / carton



KWG272

CE EN175 ANSI Z87.1

Full eye cover protection. Lens shade IR 5, ideal for welding. Provide protection for UV/IR.
120 pcs /carton



KWG360-F

CE EN175 ANSI Z87.1

Fixed front, 50mm round glass shade 5 lens.
120 pcs /carton



KWG360

CE EN175 ANSI Z87.1

Lift front, 50mm round glass shade 5 lens.
120 pcs /carton



KWG370

CE EN175 ANSI Z87.1

50mm round glass shade 5 lens.
200 pcs / carton



KWG381

CE EN175 ANSI Z87.1

Lift front, shade 5 glass lens 2"x4 -1/2"
60 pcs /carton



KWG106

CE EN166, 175 ANSI Z87.1

Ploycarbonate shade 5 lens.
200 pcs /carton



KWG340

Ploycarbonate shade 5 lens.
200 pcs /carton

Welding Helmet

KWH212



CE EN175 ANSI Z87.1
Lens size 2"x4-1/4", flip up

KWH782



ANSI Z87.1
Lens size 4-1/2"x5-1/4", flip up

KWH784



ANSI Z87.1
Lens size 4-1/2"x5-1/4"

KWH322



CE EN175 ANSI Z87.1
Lens size 2"x4 -1/4"

KWH323



CE EN175 ANSI Z87.1
Lens size 90x110mm

KWH313-LF



CE EN175
Lens size 90x110mm, flip up

OXY-HYDROGEN

Enhanced work safety

Hydrogen is the most abundant and renewable source of energy available. If you separate water into hydrogen and oxygen, then re-combine it by burning, the result is water, making it a truly "green" energy source.

More environmental protection

Features:

Enhanced cutting torch models compatible with OXYHYDROGEN GAS CUTTING systems for eco-friendly operations. Improved efficiency and performance for various cutting applications.

Benefits:

Reduced environmental impact with oxy-hydrogen technology. Versatile functionality for diverse cutting needs.



Comparison between Oxyhydrogen Gas Cutting System VS Oxyacetylene Gas Cutting System:

| | OXY-HYDROGEN GAS CUTTING SYSTEM | OXY-ACETYLENE GAS CUTTING SYSTEM |
|------------------------------|---|--|
| FLAME TEMPERATURE: | produces a lower flame temperature, making it suitable for cutting a wider range of metals, including stainless steel and aluminum. | has a higher flame temperature compared to hydrogen + oxygen, limiting its capability to cut thicker metals efficiently. |
| SAFETY: | safer as hydrogen is non-toxic and lighter than air, reducing the risk of accumulation in confined spaces. | involves handling acetylene, which is highly flammable and can form explosive mixtures with air. |
| CLEANLINESS: | produces cleaner cuts with minimal slag, reducing the need for post-cutting cleaning. | may leave more slag, necessitating additional cleanup. |
| ENVIRONMENTAL IMPACT: | emits only water vapor as a byproduct, making it environmentally friendly. | emits carbon dioxide and other pollutants, contributing to environmental pollution. |

“ *After hydrogen cutting, the surface is cleaner compared to acetylene, with no black carbon deposits, and less splattering of slag.* ”

The photo shows hydrogen cutting on the left and acetylene cutting on the right.



Cutting surface via Oxy-Hydrogen mixture gas



Cutting surface via Oxy-Acetylene mixture gas

Hydrogen Regulator · Two Gauges ·



KV250-HY
(P.15)

| Model | Regulator | Specification |
|-----------|--------------------------------------|---------------|
| KV450-HY | Heavy Duty · Single Stage Regulator | P.14 |
| KV350-HY | Heavy Duty · Single Stage Regulator | P.14 |
| KV250-HY | Medium Duty · Single Stage Regulator | P.15 |
| KH25-HY | Medium Duty · Single Stage Regulator | P.17 |
| KH101-HY | Medium Duty · Single Stage Regulator | P.18 |
| KH94 -HY | Medium Duty · Single Stage Regulator | P.23 |
| KH601-HY | Light Duty · Single Stage Regulator | P.16 |
| KV260-HY | Heavy Duty · High Pressure Regulator | P.25 |
| KH660-HY | Light Duty · High Pressure Regulator | P.25 |
| WT304-HY | High Pressure Regulator | P.25 |
| KHF600-HY | High Flow Regulator | P.26 |
| KH2561-HY | Heavy Duty · Two-Stage Regulator | P.26 |
| KH1061-HY | Medium Duty · Two-Stage Regulator | P.26 |

Enhanced cutting torch models compatible with Oxy-Hydrogen Gas Cutting Torch

KC-1200

Heavy Duty
V STYLE
(p.36)



KC-900A

Heavy Duty
V STYLE
(p.36)



KNM-250

Heavy Duty
U TYPE
(p.36)



KNM-1607

Heavy Duty
S STYLE
(p.37)





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