KAYO Group

wilson

INDUSTRIAL GAS WELDING & CUTTING



PROFESSIONAL EQUIPMENT

c UL us LISTED

EN ISO
2503 / 5172 / 5175

Australia Std
4267 / 4603

MADE IN TAIWAN

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.

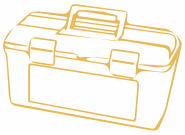
Wilson products including industrial gas regulators and torches are UL and CUL listed. We perform high quality control standard to produce high quality products and offer the best price with excellent service.

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



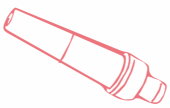
REGULATORS 13

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



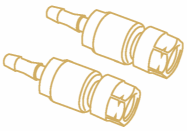
TORCHES 29

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



TIPS 41

- Cutting Tip
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- 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

c UL us LISTED

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



c UL us LISTED

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



c UL us LISTED

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

Acetylene Regulator
KV350-15-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-2

Optional
Acetylene Heating Tip
MFA-6
MFA-8
MFA-10
MFA-12
MFA-15

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



c UL us LISTED

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



c UL us LISTED

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

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



c UL us LISTED

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

Net Weight 10.2 kgs

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

c UL us LISTED

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.



c UL us LISTED

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



c UL us LISTED

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

Acetylene Regulator
KH25-1.5M-AC

Cutting Attachment
KAF-302

Torch Handle
KAF-301

Mixer
KAF-303

Acetylene Cutting Tip
ANME-1

Acetylene Welding Tip
KAF-W3
KAF-W5
KAF-W7

Optional Flashback Arrestor
F611-OX
F611-AC

Optional 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

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

Torch Handle
KAH-X11

Acetylene Cutting Tip
HA411-1
HA411-2
HA411-3

Acetylene Welding Tip
KG11-W1
KG11-W2
KG11-W3
KG11-W4
KG11-W5
KG11-W6

Check Valve
90-1FGR/90-1FGL

Tip Cleaner
KY-309

Wrench
4AT-A003

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

Torch Handle
KAH-X21

Acetylene Cutting Tip
ANME-1
ANME-2
ANME-3

Wrench
K-63-8

Net Weight 4.6 kgs

Acetylene Welding Tip
KG21-W1
KG21-W2
KG21-W3
KG21-W4
KG21-W5
KG21-W6

Check Valve
90-3FGR/90-3FGL

Circle Guide
X21-CG

Tip Cleaner
KY-309





c UL us LISTED

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

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



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

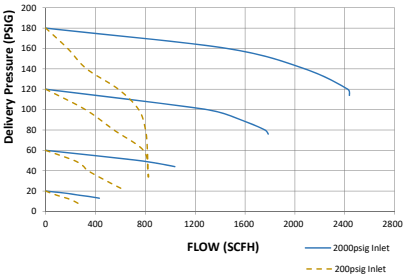
KV450 SERIES

Heavy Duty V STYLE · Side Entry



KV-450-OX KV-450-AC

KV450 Flow Data



c UL us LISTED CONFORMITY WITH **EN ISO 2503**

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

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.

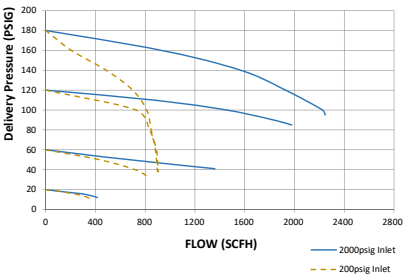
KV350 SERIES

Heavy Duty V STYLE · Side Entry



KV350-OX KV350-AC

KV350 Flow Data



c UL us LISTED CONFORMITY WITH **EN ISO 2503**

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

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

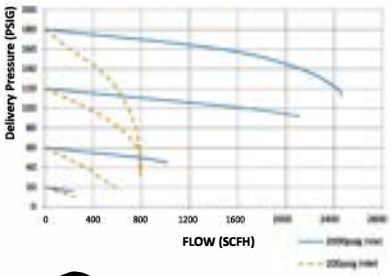
Suits to severe working environment.

Single Stage Regulator

KV250 SERIES

Medium Duty V STYLE · Side Entry

KV250 Flow Data



c 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-OX



KV250-AC



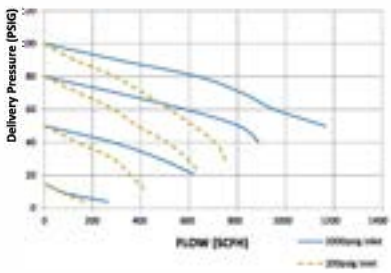
KV250-AR

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	See p.28.. more	9/16"(M) 5/8"(M) G3/8(M) G1/4(M) M16(M) (See p.60)	UL/ENISO2503
KV250-50-LP	Propane	350	50	N/A			ENISO2503
KV250-100-OX	Oxygen	3000	100	N/A			UL/ENISO2503
KV250-180-OX		3000	180	N/A			ENISO2503
KV250-100-*	Argon/CO2/ Nitrogen/Air/ Helium/Hydrogen	3000	100	N/A			UL/ENISO2503
KV250-180-*		3000	180	N/A			ENISO2503
KV250-60CF-*	Argon/CO2	3000	N/A	60SCFH			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



c UL us LISTED CONFORMITY WITH **EN ISO 2503**

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	See p.28.. more	9/16"(M),5/8"(M) G3/8(M),G1/4(M) M16(M) (See p.60)	UL/ENISO2503
KV155-50-LP	Propane	350	50			ENISO2503
KV155-80-OX	Oxygen	3000	80			UL/ENISO2503

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

Net Weight : 0.87 kg

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

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) G3/8(M),G1/4(M) M16(M)	UL/ENISO2503
KV150-50-LP	Propane	350	50			ENISO2503
KV150-80-OX	Oxygen	3000	80		See p.60	UL/ENISO2503

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

c UL us LISTED CONFORMITY WITH **EN ISO 2503**

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 : 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) 5/8"(M)(F) G3/8(M) G1/4(M) M16(M) See p.60	N/A	UL/ENISO2503
KV150-30LM-*			30LPM			N/A	UL/ENISO2503
KV150RH-60CF-*			60SCFH			3M Hose	UL/ENISO2503 (Except Hose)
KV150RH-30LPM-*			30LPM			3M Hose	

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

c UL us LISTED CONFORMITY WITH **EN ISO 2503**

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 KH 601-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) 5/8"(M) G3/8(M) G1/4(M) M16(M) See p.60
KH601-3.5M-LP	Propane	25	3.5BAR/50PSI		
KH601-10M-OX	Oxygen/Argon/ CO2/Nitrogen/Air/ Helium/Hydrogen	200	10BAR/145PSI		

Net Weight : 0.72 kg

CONFORMITY WITH **EN ISO 2503**

FEATURES

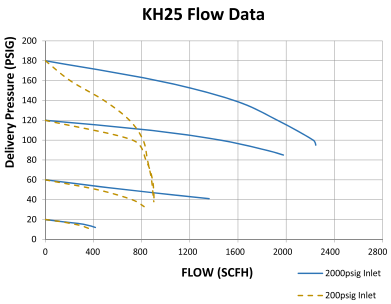
One-piece encapsulated seat design with internal filter to protect the PTFE Teflon seat from particulate contamination.

Drop forged fine brass body and bonnet.

Neoprene diaphragm

2.1" gauges.

Single Stage Regulator



c UL us LISTED

BAM
CONFORMITY WITH
EN ISO 2503 / AS 4267

KH25 SERIES

Medium Duty H STYLE

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)

Buttom 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	9/16"(M) 5/8"(M) G3/8(M) G1/4(M) M16(M) (See p.60)	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/ Helium/Hydrogen	3000PSI	100PSI			UL/ENISO2503
KH25-10M-*		200BAR	10BAR			ENISO2503
KH25-13M-*		200BAR	13BAR			ENISO2503
KH25-15M-*		200BAR	15BAR			ENISO2503
KH25E-15-AC	Acetylene	350PSI	15PSI			UL/ENISO2503
KH25E-1.5M-AC	Acetylene	25BAR	1.5BAR			ENISO2503
KH25E-3.5M-LP	Propane	25BAR	3.5BAR			ENISO2503
KH25E-100-*	Oxygen/Argon/ CO2/Nitrogen/Air/ Helium/Hydrogen	3000PSI	100PSI			UL/ENISO2503
KH25E-10M-*		200BAR	10BAR			ENISO2503
KH25E-13M-*		200BAR	13BAR			ENISO2503
KH25E-15M-*		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



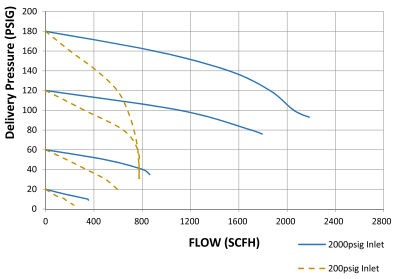
KH101E-LP
Economy type



KH101E-AR/CO2
Economy type

Net Weight 0.87 kg

KH101 Flow Data



c UL us LISTED

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.

Buttom 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/ CO2/Nitrogen/Air/ Helium/Hydrogen	3000PSI	100PSI			UL/ENISO2503
KH101-10M-*		200BAR	10BAR			ENISO2503
KH101-13M-*		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/ CO2/Nitrogen/Air/ Helium/Hydrogen	3000PSI	100PSI			UL/ENISO2503
KH101E-10M-*		200BAR	10BAR			ENISO2503
KH101E-13M-*		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

c UL us LISTED 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)

Buttom 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 / CO2	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 / CO2	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

c UL us LISTED 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.

Buttom entry and Side entry optional.

KH101-LPM: 2.1" gauges

KH101E-LPM (Economy type) : 2.1" gauges



Net Weight 1.11 kg

Model	Gas	Max.Inlet Pressure(BAR)	Outlet Flowmeter	Inlet Connection	Outlet Connection
KH101-30LPM-*	Argon / CO2	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 / CO2	200	30LPM		
KH101E-50LPM-*			50LPM		
KH101E-50CF-*			50SCFH		
KH101E-60CF-*			60SCFH		

T adjust screw or knob optional.

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	G1/4(F)	M16(M)
				M16(F)	(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

c UL us LISTED

CONFORMITY WITH **EN ISO 2503**

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

Features

Piston type constructure, 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.

Flowmeter Regulator

FM25

Heavy Duty H STYLE

c UL us LISTED 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) 5/8"(M) G3/8(M) G1/4(M) M16(M) (See p.60)	ENISO2503
FM25-25FL-*			25LPM			UL/ENISO2503
FM25-60CF-*			60SCFH			UL /ENISO2503
FM25-70CF-*			70SCFH			UL/ENISO2503
FM25-30FL-*	Nitrogen		30LPM			ENISO2503

Net Weight 1.71 kg

FM250

Medium Duty V STYLE

c UL us LISTED 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) 5/8"(M) G3/8(M) G1/4(M) M16(M) (See p.60)	ENISO2503
FM250-25FL-*			25LPM			UL/ENISO2503
FM250-60CF-*			60SCFH			UL/ENISO2503
FM250-70CF-*			70SCFH			UL/ENISO2503
FM250-30FL-*	Nitrogen		30LPM			ENISO2503

Net Weight 1.49 kg

FM101

Medium Duty H STYLE



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) 5/8"(M) G3/8(M) G1/4(M) M16(M) (See p.60)	ENISO2503
FM101-25FL-*			25LPM			UL / ENISO2503
FM101-60CF-*			60SCFH			UL / ENISO2503
FM101-70CF-*			70SCFH			UL / ENISO2503
FM101-30FL-*	Nitrogen		30LPM			ENISO2503

Net Weight 1.17 kg

FM101-2FL

DUAL Flowtube H STYLE



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) 5/8"(M) G3/8(M) G1/4(M) M16(M) (See p.60)	ENISO2503
FM101-2FL-25FL-*			25LPM			UL/ENISO2503
FM101-2FL-60CF-*			60SCFH			UL/ENISO2503
FM101-2FL-70CF-*			70SCFH			UL/ENISO2503
FM101-2FL-30FL-*	Nitrogen		30LPM			ENISO2503

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

Net Weight 1.55 kg

Single Stage Regulator

KH114 SERIES

One Gauge · Side Entry
Medium Duty H STYLE



CONFORMITY WITH
EN ISO 2503

FEATURES

Forged KH101 brass body for maximum strength

Neoprene diaphragm

One delivery pressure gauge

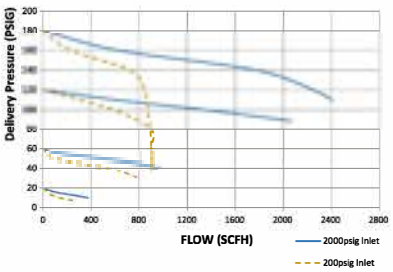
2.1" gauge

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



KH47 SERIES

High flow Pipeline Regulator
One Gauge · Rear Entry
H STYLE



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

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

KH94 SERIES

Medium Duty H STYLE
2 Gauges



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

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



CONFORMITY WITH
EN ISO 2503

FEATURES

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

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

KH118 SERIES

Single stage
H STYLE · Side Entry



CONFORMITY WITH
EN ISO 2503

FEATURES

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

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

KH29 SERIES

Single stage
H STYLE · Side Entry



CONFORMITY WITH
EN ISO 2503

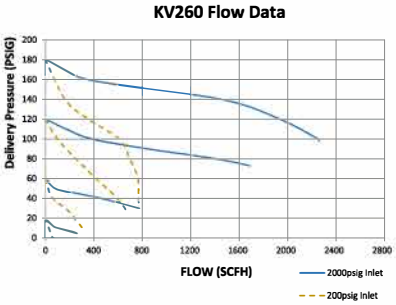
FEATURES

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

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

High Pressure Regulator



KV260 SERIES

Heavy Duty V STYLE
Piston Type actuation



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

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

T bar adjust screw or knob optional

Net Weight : 1.44 kg

KH660 SERIES

Light Duty H STYLE
Piston Type actuation



CONFORMITY WITH
EN ISO 2503

FEATURES

Designed for wide range of flow capacity and pressure delivery.

2.1" gauges

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

Knob adjust screw

Net Weight : 0.83 kg

WT304 SERIES

Single Stage
Piston Type actuation



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

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

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) , M16(M) (See P.60)
KHF600-10M-*			10		
KHF600-14M-*			14		

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

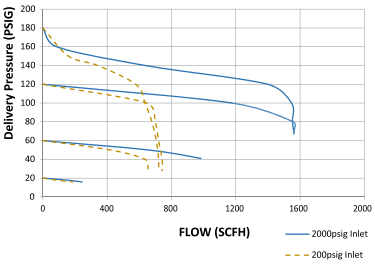
Two Stage Regulator

KH2561 SERIES

Heavy Duty Two Stage H STYLE



KH2561 Flow Data



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) (See P.60)
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		

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) (See P.60)
KH1061-3.5M-LPG	Propane	25	3.5		
KH1061-4M-*	Oxygen/Argon/ CO2/Nitrogen/Air/ Helium/Hydrogen	200	10		

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°c ± 10°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 ± 20% lpm
Braze setting : 3.0± 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: Yelow MWP 800PSI (5,500kPa)

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



Net Weight : 0.32kg

Balloon Filling Regulator

KH-311GA



FEATURES

Hand / wrench tigh with gauge style

Easy and safe

1.5" gauge Net Weight : 0.45kg

KH-310



FEATURES

Economy style of balloon filler

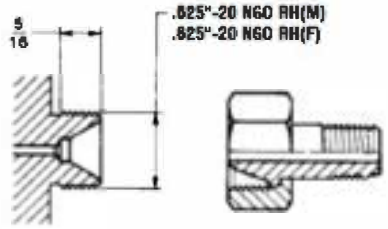
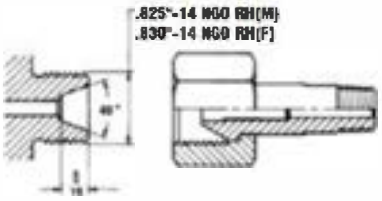
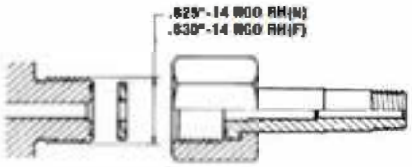
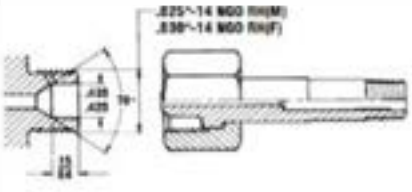
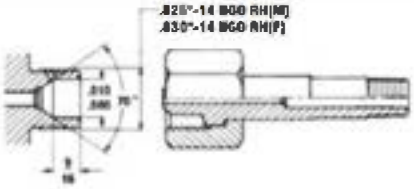
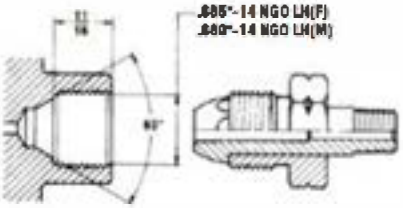
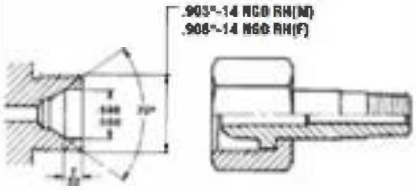
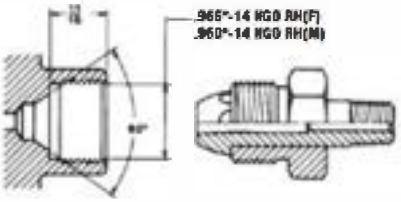
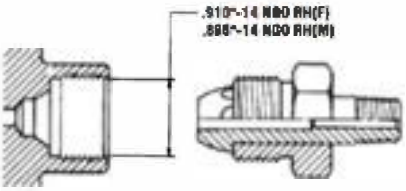
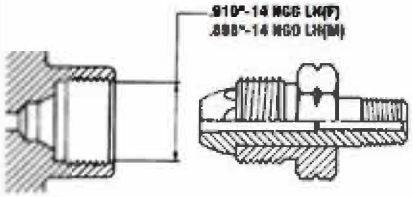
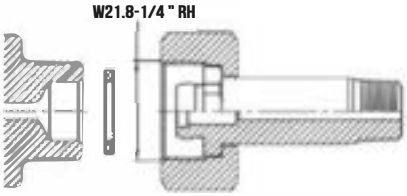
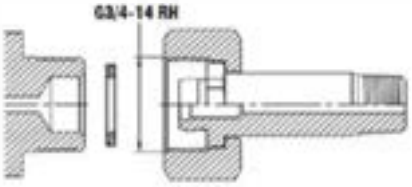
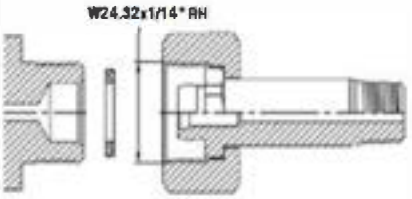
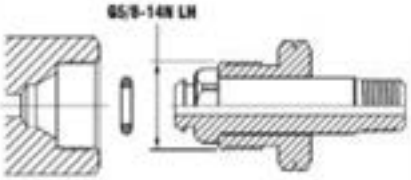
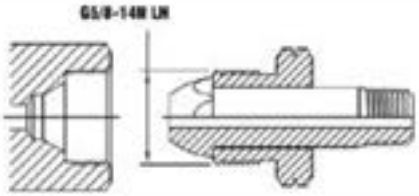
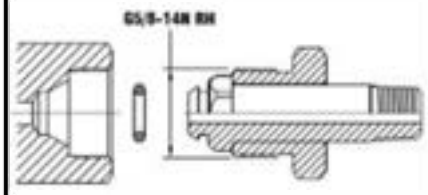
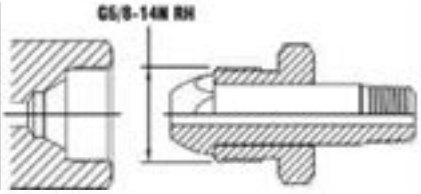
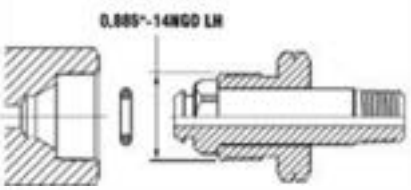
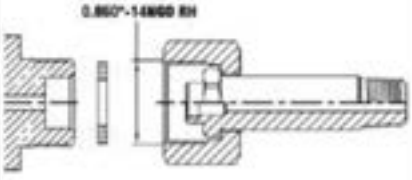
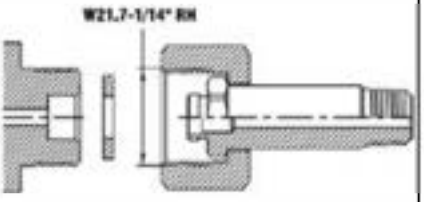
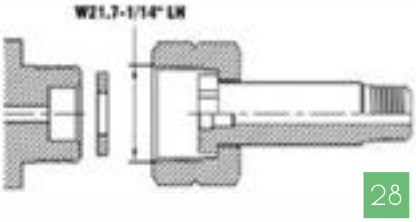
Horizontal shape one-piece construction,tilt valve.

Hand tight connection, no gauge, no tie hook.

Easy and safe

Net Weight : 0.31kg

Gas Cylinder Connections

CGA 200	CGA 300	CGA 320
		
CGA 326	**CGA 346**	**CGA 510**
		
CGA 540	**CGA 580**	**992**
		
993	**DIN NO.6**	**DIN NO.9**
		
DIN NO.10	**(BS)G5/8-LH W/O-ring**	**(BS)G5/8-LH**
		
(BS)G5/8-RH W/O-ring	**(BS)G5/8-RH**	**TYPE 21**
		
TYPE 30		
		





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

LISTED

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

LISTED

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

LISTED

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

LISTED

FEATURES

Cuts up to 200 mm

Welds up to 12.7 mm

Built-in Check valve and flashback arrestor

Net Weight 0.62 kg



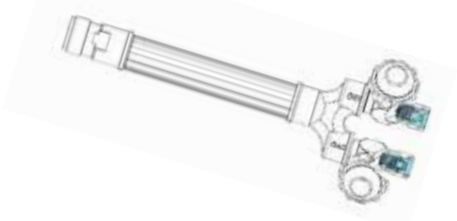
KV-315C
Heavy Duty

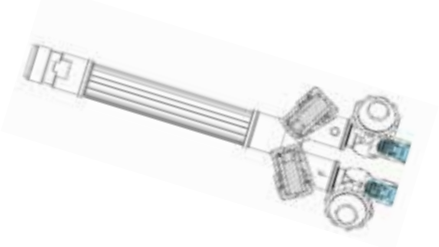
FEATURES

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 0.36 kg



KV-1350
Medium Duty

LISTED

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 0.49 kg



KV-100FC
Medium Duty

LISTED

FEATURES

Cuts up to 150 mm

Welds up to 9 mm

Built-in flashback arrestor and check valve



Net Weight 0.35 kg



KV-100
Medium Duty

LISTED

FEATURES

Cuts up to 150 mm

Welds up to 9 mm

KV-100 Drop forged brass body and head

Net Weight 0.35 kg



KV-100C
Medium Duty

FEATURES

Cuts up to 150 mm

Welds up to 9 mm

Built-in 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

FEATURES CONFORMITY WITH **EN ISO 5172**

Cuts up to 150 mm
Welds up to 50 mm

Net Weight 0.65 kg



KH 43-2ST Stainless Steel Head
Heavy Duty

Net Weight 0.48 kg



KH 63-2
Heavy Duty

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 0.34 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

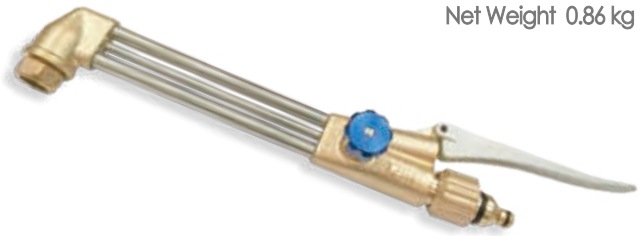
FEATURES

Cuts up to 75 mm

Welds up to 9 mm

A STYLE

Net Weight 0.86 kg



KAC-X21
Medium Duty

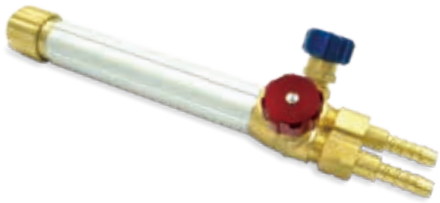
CONFORMITY WITH
EN ISO 5172

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

UL LISTED

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

UL LISTED

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

LISTED

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	17"/21"/27"/36"/48"/72"/96"
KC-900B	90°	1-101 / 1-GPN	
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/cm2)	Ace. Pressure (Kg/cm2)	LPG. Pressure (Kg/cm2)
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/cm2)	Ace. Pressure (Kg/cm2)	LPG. Pressure (Kg/cm2)
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

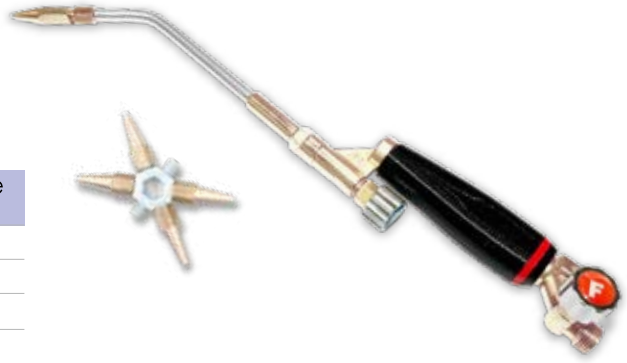
Welding Torch



KS-501 S type Welding Torch

Tip Size	Orifice(mm)	Oxy. Pressure (Kg/cm2)	Ace. Pressure (Kg/cm2)
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

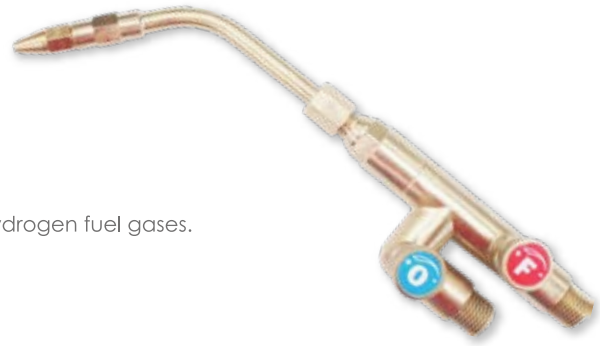
FEATURES

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/cm2)	Ace. Pressure (Kg/cm2)
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/cm2)	Ace. Pressure (Kg/cm2)
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 seperately

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 extinguisting work

Model	Gas	Pressure (kg/cm2)	Standard Inlet / Outlet	Hanging weight	Weight
KGS-168-A	Oxygen	1.0-5.0	9/16"x18 5/8"x18 M16x1.5 G 1/4"x19 G 3/8"x19	550 g	1 kg
	Acetylene	0.3-1.0			
KGS-168-P	Oxygen	1.0-5.0			
	Propane	0.3-3.5			

With both AC/LPG tips

Heating Torch

H STYLE

KHT-505



Stainless tube

FEATURES

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

Optional
Stainless tube

Model	Type	Tip No.	Oxy / Propane Pressure (kg/cm2)	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/cm2)	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	**Net Weight 0.58 kg**
KHT-507-700	W/1 tip	50.8	700	**Net Weight 0.83 kg**
KHT-507-900	W/1 tip	63.5	900	**Net Weight 1.04 kg**



Cutting Tip

3 Seats Nozzle Gas Mixer BRITISH STYLE

ANME/ANM
ACETYLENE



Tip	Cutting Thickness (mm)	Oxy. Pressure (Bar)	Ace. Pressure (Bar)	Length (mm)
ANME-1 (1/32")	3-10	2.5-3.5	0.3	
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	88
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	
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	75
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	60-7.5	0.8	

PNME/PNM
PROPANE

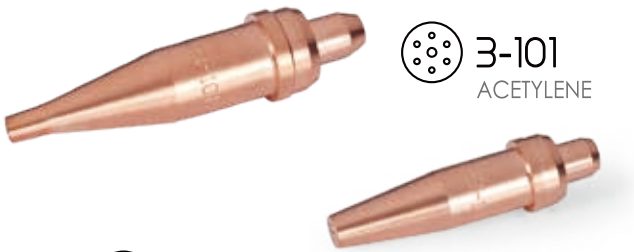


Tip	Cutting Thickness (mm)	Oxy. Pressure (Bar)	Pro. Pressure (Bar)	Length (mm)
PNME-1 (1/32")	3-6	2.5 - 3.5	0.3	
PNME-2 (3/64")	5-12	3.0 - 4.0	0.3	
PNME-3 (1/16")	10-75	3.5 - 4.5	0.3	
PNME-4 (5/64")	70-100	4.5 - 5.0	0.5	92
PNME-5 (3/32")	90-150	4.5 - 5.5	0.5	
PNME-6 (7/64")	140-200	5.0 - 6.5	0.5	
PNME-7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

V STYLE

1-101
ACETYLENE

3-101
ACETYLENE

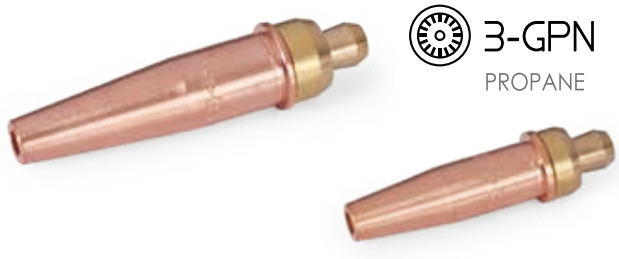


1-101 / 1-GPN

Tip	Cutting Thickness (mm)	Orifice	Lenghth(mm)	
			1-101	1-GPN
000-1-101 / 000-1-GPN	1-3	0.7		
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	76	77
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		

1-GPN
PROPANE

3-GPN
PROPANE



3-101 / 3-GPN

Tip	Cutting Thickness (mm)	Orifice	Lenghth(mm)	
			3-101	3-GPN
000-3-101 / 000-3-GPN	0-3	0.7		
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	59	69
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

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



41-32GS

ACETYLENE
Gouging tip



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

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



44-32GS

PROPANE
Gouging tip

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	
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	61
6290-3	50-100	3.5	1.0	
6290-4	100-175	4.0	1.5	
6290-5	175-250	5.0	1.5	
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	53
6290-3AC	50-100	3.5	1.0	
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	
6290-NX2	25-50	3.0	1.0	57
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	
6290-NFF3	50-100	3.5	1.0	56
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	57
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	38
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	
6290-2GG	5 x 10 mm	3.5	0.5	
6290-3GG	6 x 13 mm	3.5	0.5	102
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



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	

SAF STYLE

G1-A

ACETYLENE



G1-P

PROPANE



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	
G1-P-7/10	3-10	3.0-5.0	0.5-1.0	86
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	
G1-P-30/10	200-300	5.0-7.0	0.5-1.0	

AFROX STYLE

AFN

ACETYLENE



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



OXYGEN-ACETYLENE
To use with KAF-303 +KAF-301

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

DH-W



OXYGEN-ACETYLENE
To use with KAF-403 +KAF-401

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/cm2)	Flow (Lt./Hr.)	Pro.Pressure (kg/cm2)	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

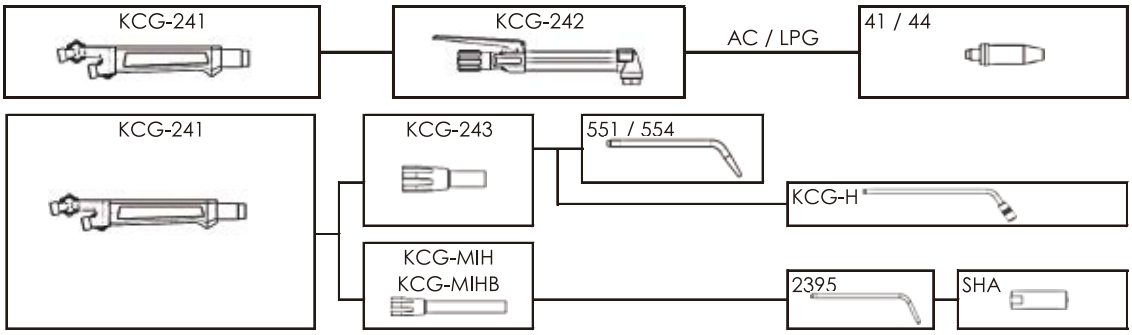
SHA



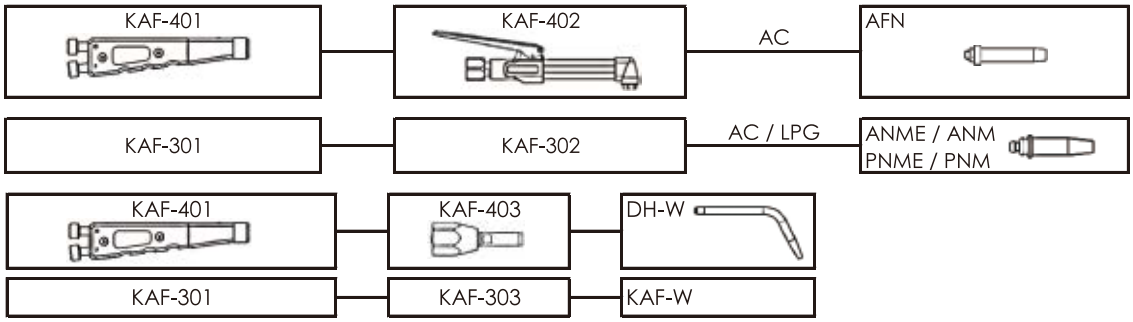
OXYGEN-ACETYLENE

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

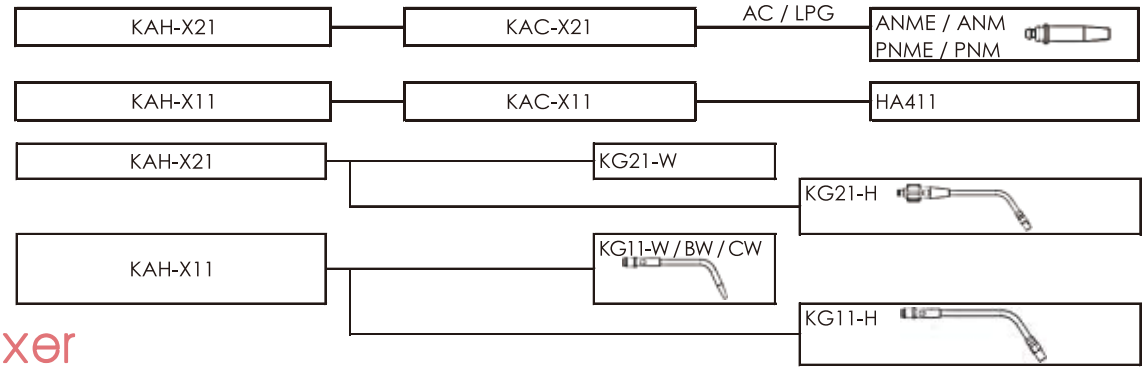
CG STYLE



AF STYLE



AGA STYLE



Mixer

H STYLE

H19-2E/H19-2S

5/16"-27N



E-43

23/64"-26N



E2-43

For Acetylene
1/2"-25N



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-MIH

1/2"-20N



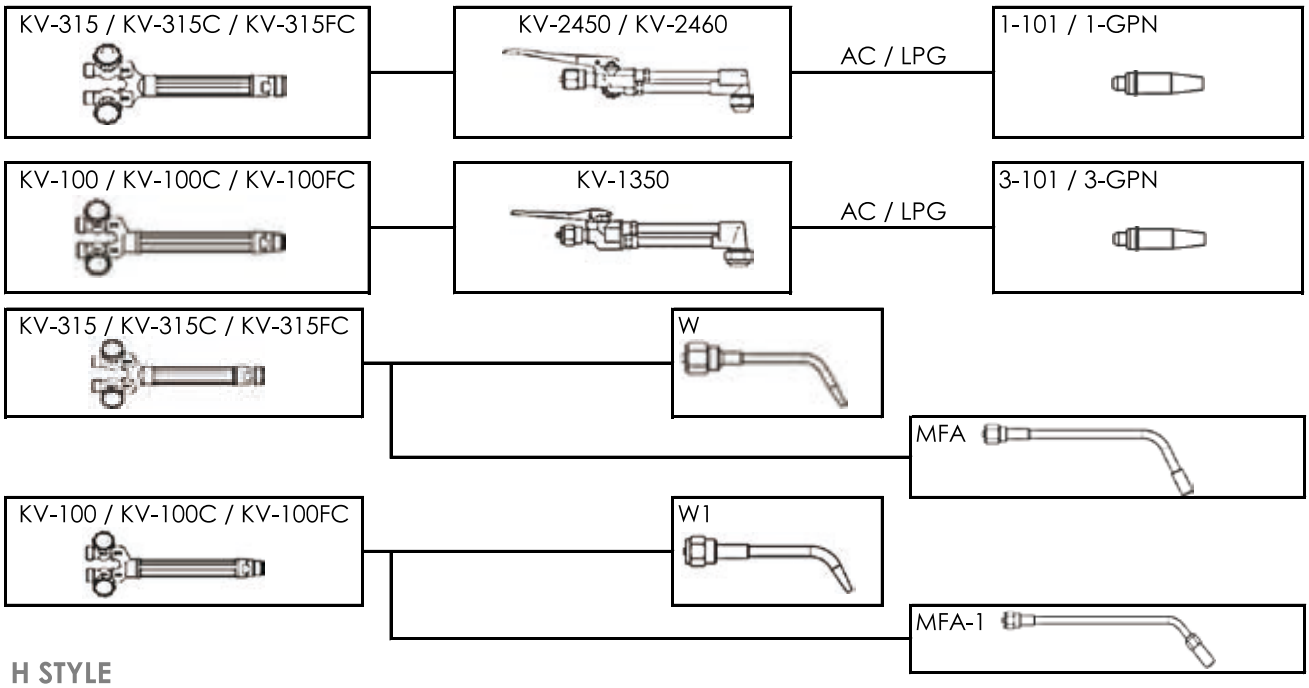
KCG-MIHB

For Propane
1/2"-20N

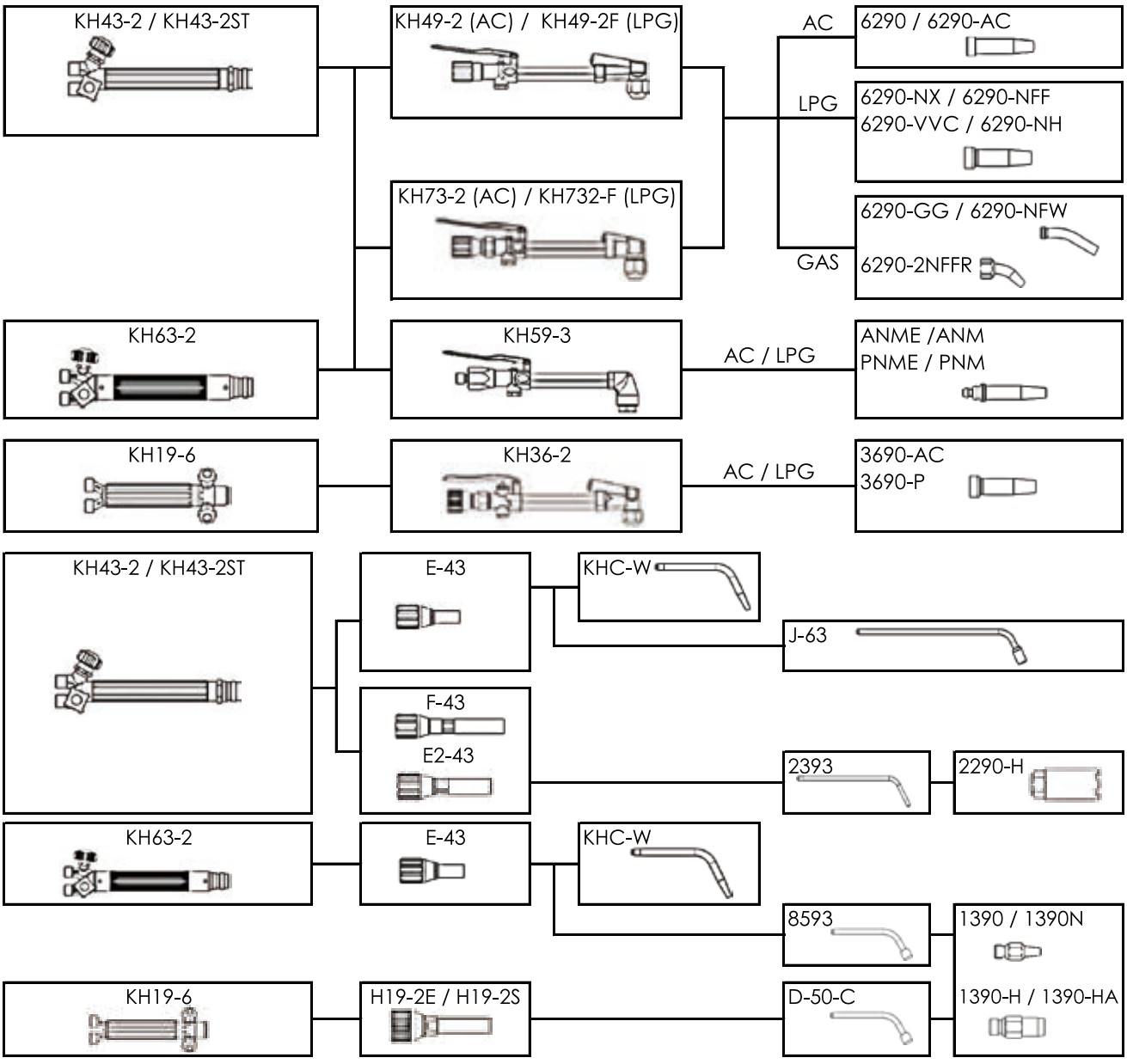


Assembled Chart

V STYLE



H STYLE



Hand Cutting Torch

V STYLE

KC-1200 — AC / LPG — 1-101 / 1-GPN

KC-900A — AC / LPG — ANME / ANM, PNME / PNM, 164 / 275

KC-900B — AC / LPG — 1-101 / 1-GPN

KC-900C — AC / LPG — 1502 / 1503

H STYLE

KH-198-2T (AC) / KH-198-2TF — AC — 6290 / 6290-AC

KH-198-3T (AC) / KH-198-3TF — LPG — 6290-NX / 6290-NFF, 6290-VVC / 6290-NH

KH62-3 (AC) / KH62-3F (LPG) — AC — 6290 / 6290-AC

KH42-4 (AC) / KH42-4F (LPG) — LPG — 6290-NX / 6290-NFF, 6290-VVC / 6290-NH

KH42-4E — GAS — 6290-2NFFR, 6290-GG / 6290-NFW

KH-142 — GAS — 6290-2NFFR, 6290-GG / 6290-NFW

KH-142B — AC / LPG — ANME / ANM, PNME / PNM

UNIVERSAL STYLE

KNM-250 — AC / LPG — ANME / ANM, PNME / PNM

SAF STYLE

1607 — AC / LPG — G1-A / G1-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



F621-9L
Flashback Arrestor



R626-9R
Quick Coupling



R626-9L
Quick Coupling



R626-9R
R626-9L
Quick Coupling



S627-1R
Quick Coupling



S627-1L
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



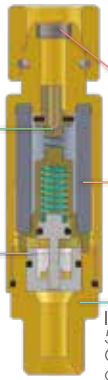
S618-9R
S618-9L
Quick Coupling

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							✓

Non-Return Valve NV
Gas non-return valve (check valve) prevents dangerous gas mixtures.

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



Dust Filter DF
Dust filter promotes long life

Flame Arrestor FA
Flame arrestor prevents flashback

Thread
In accordance with UL, EN ISO 5175-1 & AS 4603, UNF 9/16"-18, G 3/8, UNF 5/8" ,and so on, are available.

Reliable quality is key point to have safe protection to user

Maximum working pressure for UL:

- Oxygen: 145Psi (10Bar)
- Acetylene: 15Psi (1Bar)
- LP-Gas, MAPP-PRO(#), MAP-PRO,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: 72Psi (5.0Bar)

F611 For Torch Handle

DF NV FA

UL LISTED

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



Size:Φ21.3×L60mm

Model	Gas	Max Flow (Lt./Hr.)	Inlet	Outlet
F611-9R	Oxygen	7000	9/16"x18 R.H.	9/16"x18 R.H.
F611-9L	Fuel Gas	2600	9/16"x18 L.H.	9/16"x18 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"x18 R.H.	5/8"x18 R.H.
F611-5L	Fuel Gas	2600	5/8"x18 L.H.	5/8"x18 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	M16x1.5 R.H.	M16x1.5 R.H.
F611-16L	Fuel Gas	2600	M16x1.5 L.H.	M16x1.5 L.H.

F612 For Torch Handle

DF NV FA

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



Size:Φ21.3×L76mm

Model	Gas	Max Flow (Lt./Hr.)	Inlet	Outlet
F612-9R	Oxygen	7000	5mm 6mm 8mm	9/16"x18 R.H.
F612-9L	Fuel Gas	2600		9/16"x18 L.H.
F612-3R	Oxygen	7000		G 3/8 R.H.
F612-3L	Fuel Gas	2600		G 3/8 L.H.
F612-5R	Oxygen	7000		5/8"x18 R.H.
F612-5L	Fuel Gas	2600		5/8"x18 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		M16x1.5 R.H.
F612-16L	Fuel Gas	2600		M16x1.5 L.H.

F621 For Regulator

DF NV FA

UL LISTED

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



Size:Φ21.3×L60mm

Model	Gas	Max Flow (Lt./Hr.)	Inlet	Outlet
F621-9R	Oxygen	7000	9/16"x18 R.H.	9/16"x18 R.H.
F621-9L	Fuel Gas	2600	9/16"x18 L.H.	9/16"x18 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"x18 R.H.	5/8"x18 R.H.
F621-5L	Fuel Gas	2600	5/8"x18 L.H.	5/8"x18 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	M16x1.5 R.H.	M16x1.5 R.H.
F621-16L	Fuel Gas	2600	M16x1.5 L.H.	M16x1.5 L.H.

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
F622-9R	Oxygen	7000	5mm 6mm 8mm	9/16"x18 R.H.
F622-9L	Fuel Gas	2600		9/16"x18 L.H.
F622-3R	Oxygen	7000		G 3/8 R.H.
F622-3L	Fuel Gas	2600		G 3/8 L.H.
F622-5R	Oxygen	7000		5/8"x18 R.H.
F622-5L	Fuel Gas	2600		5/8"x18 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		M16x1.5 R.H.
F622-16L	Fuel Gas	2600		M16x1.5 L.H.

F628 For Regulator

DF NV FA

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





Nickel Plating

Size: Φ22.2×L86mm

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

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



Size: Φ22.2×L86mm

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)
- LP-Gas, MAPP-PRO(#), MAP-PRO, Hydrogen, Methane, Natural Gas: 50Psi (3.5Bar)

F631 For Hose

NV FA

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



Size: Φ21.3×L86mm

Model	Gas	For	Max Flow (Lt./Hr.)	Max Inlet Pressure (Bar)	InletØ mm	OutletØ 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: 72Psi (5.0Bar)

Check Valve

88-3



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

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"xIP	
T616-3R		Oxygen	3/8"xIP	
S617-1L	Female	Acetylene	1/4" (6mm)	For Hose
S617-3L			3/16" (5mm)	
S617-5L			5/16" (8mm)	
S617-1R		Oxygen	1/4" (6mm)	
S617-3R			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		Oxygen	1/4" (6mm)	
S618-3R			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"xIP	
R626-3R		Oxygen	3/8"xIP	
S627-1L	Male	Acetylene	1/4" (6mm)	For Hose
S627-3L			3/16" (5mm)	
S627-5L			5/16" (8mm)	
S627-1R		Oxygen	1/4" (6mm)	
S627-3R			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"xIP	
S628-3R		Oxygen	3/8"xIP	

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"	15"/ 16.5"/ 20"/ 25"/ 50"/ 100"/ 330"
3/16"	
5/16"	
3/8"	
5mm	5M/ 10M/ 15M/ 20M/25M/ 30M / 100M
5mm	
10mm	



KY-SH

Single Hose with fitting

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

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

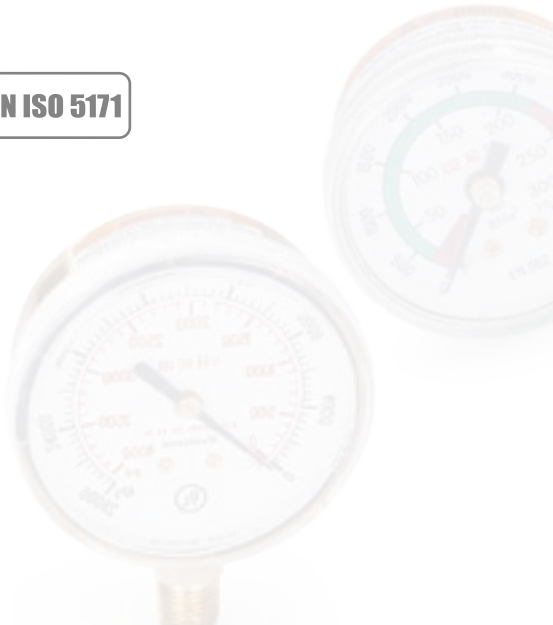
Thread	2.5" 、2"	1/4 NPT
	1.9" 、1.5"	1/8 NPT
Gauge Cover Material	Screw-fitted type	PC
	Snap-in type	PMMA
Accuracy		±3.5% of full scale

Dial scale unit and design can be customized according to needs

Certificates

UL LISTED

EN ISO 5171



MICRO TORCH / SOLDERING IRON

Butane Blow Torch

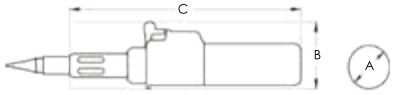


Item No.		KRK2050	KRK2540	KRK3530	KRK2096	KRK2616	KRK2131
Grip Diameter (A)		35mm	35mm	35mm	35mm	45mm	45mm
Width (B)		93mm	95mm	42mm	125mm	141mm	127mm
Height (C)		145mm	156mm	239mm	185mm	188mm	182mm
Dry weight (W/O Fuel)		190g	180g	175g	240g	314g	368g
Gas capacity (±10%)		20 grams	20 grams	20 grams	20 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



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



KWS2006

CE EN166,EN169

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

More environmental protection

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.



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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