

CutSkill

GAS EQUIPMENT RANGE



TRADESMAN GAS KITS

BLOWPIPE

CUTTING ATTACHMENT

ST400 TORCH

REGULATORS

FLOWMETERS

FLASHBACK ARRESTORS

CUTTING NOZZLES

CIGWELD.COM.AU



CIGWELD

AN ESAB BRAND

TRADESMAN CUTTING & WELDING KITS

The CutSkill Tradesman Gas Cutting and Welding kits have been designed for general purpose oxygen - acetylene/LPG cutting and welding applications. As with all gas equipment manufactured by CIGWELD, the items in these kits have been carefully designed to provide the highest quality performance and to ensure they comply with the stringent Australian Standards (where applicable). With a robust and purpose built toolbox, all the equipment and accessories are well protected. This kit offers great value for the most discerning budget conscious buyer.



Acetylene Tradesman PLUS Kit



ORDERING INFORMATION

Part No.	KIT TYPE
208001	Acetylene Tradesman
208007	Acetylene Tradesman Plus
208011	LPG Tradesman
208021	LPG Tradesman Plus

- Suitable for light to medium duty cutting, welding and heating
- Kit conforms to AS4839
- Multi fuelled torch
- Comfortable grip handle
- Tough solid brass construction
- Excellent flame stability
- Flashback resistant mixer
- High flow oxygen cutting valve
- Cuts up to 125mm
- Torch profile gives excellent job visibility
- Ideal for the tradesman, contractor & handyman



KIT CONTENTS



TRADESMAN ACETYLENE

P/N: 208001

- | | | |
|---------------------------|------------------------|---------------------|
| Oxygen Regulator | Cutting Nozzle Size 8 | Goggles - Standard |
| Acetylene Regulator | Cutting Nozzle Size 12 | Combination Spanner |
| Oxy/Acetylene Gas Hose 5m | Cutting Nozzle Size 15 | Tip Cleaner |
| Blowpipe | Welding Tip Size 8 | Flint Lighter |
| Cutting Attachment | Welding Tip Size 12 | Heavy Duty Toolbox |
| Mixer | Welding Tip Size 15 | |



TRADESMAN LPG

P/N: 208011

- | | | |
|---------------------|------------------------|---------------------|
| Oxygen Regulator | Mixer | Goggles - Standard |
| LPG Regulator | Cutting Nozzle Size 8 | Combination Spanner |
| Oxy/LPG Gas Hose 5m | Cutting Nozzle Size 12 | Tip Cleaner |
| Blowpipe | Cutting Nozzle Size 15 | Flint Lighter |
| Cutting Attachment | Welding Tip Size 15 | Heavy Duty Toolbox |



TRADESMAN PLUS ACETYLENE

P/N: 208007

- | | | |
|---|--|--------------------------|
| Oxygen Regulator | Flashback Arrestors - Blowpipe Twin Pack | Heating Tip Size 8x12 HT |
| Acetylene Regulator | Cutting Nozzle Size 8 | Roller Guide |
| Oxy/Acetylene Gas Hose 10m | Cutting Nozzle Size 12 | Radius Bar |
| Blowpipe | Cutting Nozzle Size 15 | Goggles - Premium |
| Cutting Attachment | Welding Tip Size 8 | Combination Spanner |
| Mixer | Welding Tip Size 12 | Tip Cleaner |
| Flashback Arrestors - Regulator Twin Pack | Welding Tip Size 15 | Flint Lighter |
| | | Heavy Duty Toolbox |



TRADESMAN PLUS LPG

P/N: 208021

- | | | |
|---|--|---------------------|
| Oxygen Regulator | Flashback Arrestors - Blowpipe Twin Pack | Roller Guide |
| LPG Regulator | Cutting Nozzle Size 8 | Radius Bar |
| Oxy/LPG Gas Hose 10m | Cutting Nozzle Size 12 | Goggles - Premium |
| Blowpipe | Cutting Nozzle Size 15 | Combination Spanner |
| Cutting Attachment | Welding Tip Size 8 | Tip Cleaner |
| Mixer | Welding Tip Size 15 | Flint Lighter |
| Flashback Arrestors - Regulator Twin Pack | Heating Tip Size 20x9 HT | Heavy Duty Toolbox |

BLOWPIPE



- Contoured handle design provides comfortable grip
- Left hand/right hand threads ensure correct connection of gas supply
- Colour coded control knobs are fitted for maximum safety
- Locking teeth provide secure positioning of attachments with hand tightening
- Ideal for the tradesman, contractor & handyman

ORDERING INFORMATION

Part No.	Product
204001	Blowpipe

The CutSkill blowpipe is a budget priced alternative to the Comet 3 Blowpipe. Like the entire range of CIGWELD's gas equipment products, this quality blowpipe is manufactured to stringent internal engineering standards. The blowpipe can be used with complete confidence and is suitable for a wide range of applications including fusion welding, braze welding, brazing and hand cutting.

CUTTING ATTACHMENT



- Attaches quickly and easily to CutSkill blowpipe by hand
- Locking teeth provide secure positioning
- O-ring provides a gas tight seal with hand tightening of attachment
- Cutting lever positioned for ease of operation
- Solid brass construction
- Unique multi-fuel mixer allows for cutting with Oxy/Acetylene, Oxy/LP Gas & Oxy/Natural Gas
- For use with Type 41 & 44 cutting nozzles

ORDERING INFORMATION

Part No.	Product
204005	Cutting Attachment

The CutSkill cutting attachment is a budget priced alternative to the Comet 3 Cutting Attachment. Like the entire range of CIGWELD's gas equipment products, this quality cutting attachment is manufactured to stringent internal engineering standards suitable for a wide range of hand cutting applications.

ST400 TORCH



- Multi-fuel torch for use with Oxy/Acet, Oxy/LPG or Oxy/Nat gas
- Cutting capacity up to 250mm
- For use with type 41 & 44 cutting nozzles
- Ribbed handle for sure grip & operator comfort
- Colour coded control valves for gas identification

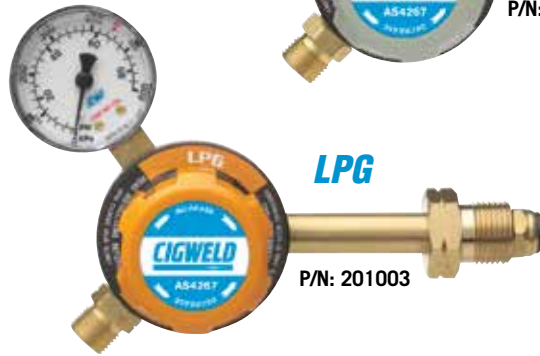
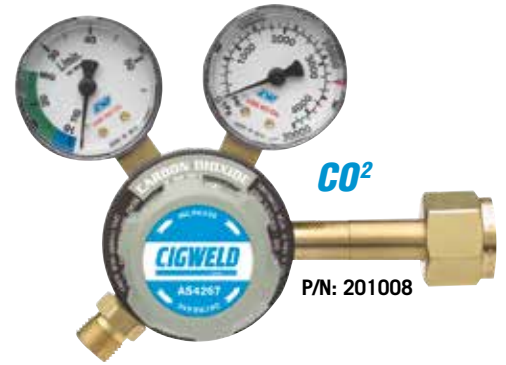
ORDERING INFORMATION

Part No.	Product
204013	ST400 Torch

The CIGWELD CutSkill ST400 Straight Torch offers exceptional value for money whilst providing excellent performance for cutting and gouging applications. Suitable for use with Oxy/Acetylene or Oxy/LP Gas and has a cutting capacity up to 250mm.

REGULATORS

Specifically designed for the budget conscious buyer, CutSkill regulators offer excellent quality and performance for use with most light to medium applications. CutSkill regulators conform to AS4267 and are factory set to deliver the correct maximum pressure or flow. CutSkill regulators are based on a proven design that offers robust construction combined with renowned CIGWELD quality and represent genuine value for money.



OXYGEN



ACETYLENE



ARGON



ARGON PRESET



FEATURES

- Conforms to Australian Standard AS4267
- Robust alloy bonnet and brass fittings
- Factory set maximum delivery pressure
- Ergonomic knobs ensure precise gas adjustment
- Failsafe against over pressure
- Diaphragm is protected against flashback
- Robust, failsafe and accurate pressure gauges
- Captive control knob prevents loss and tampering
- Colour coded for gas identification
- Ideal for the Tradesman, Contractor & Handyman
- 3-Year Warranty

ORDERING INFORMATION

MODEL	MAX WORKING PRESSURE/FLOW	INLET CONNECTION	PART NUMBER	
OXYGEN	800 kPa	Type 10 VI	210222	
		Type 10 SI	201000	
ACETYLENE	150 kPa	Type 20 VI	210223	
LPG	400 kPa	CGA 510 SI	201003	
ARGON	45 LPM	Type 10 VI	210254	
		Type 10 SI	201019	
		Preset 200 kPa	Type 10 VI	201021
		Type 10 SI	201024	
CO2	20 LPM	Type 30 SI	201008	

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FLOWMETER 15 LPM & 40 LPM

The 201710 and 201711 CutSkill Flowmeters provide accurate indication of flow rate of shielding gases for MIG and TIG welding processes.

The 201710 Flowmeter has been designed for TIG processes and is calibrated for 1 to 15 lpm. The metering bobbin is a Teflon ball. The 201711 Flowmeter has been designed for MIG, Short Arc and Spray Arc applications and is calibrated for 10 to 40 lpm. The metering bobbin is stainless steel.

ORDERING INFORMATION

Part No.	Description
201710	15 lpm
201711	40 lpm



FLOWMETER 15 LPM

- Maximum 15 LPM Flow Rate
- Maximum Inlet Pressure 20,000kPa
- Robust brass body and fittings
- Failsafe against over pressure

Calibrated flow rates at 200 kPa inlet pressure.

- 1 to 15 lpm (2 to 32 SCFH)
- Inlet connection 5/8"-18 UNF Female
- Outlet connection 5/8"-18 UNF Male



FLOWMETER 40 LPM

- Maximum 40 LPM Flow Rate
- Maximum Inlet Pressure 20,000kPa
- Robust brass body and fittings
- Failsafe against over pressure

Calibrated flow rates at 200 kPa inlet pressure.

- 10 to 40 lpm (21 to 85 SCFH)
- Inlet connection 5/8"-18 UNF Female
- Outlet connection 5/8"-18 UNF Male

REGULATOR FLOWMETERS VERTICAL & SIDE INLET

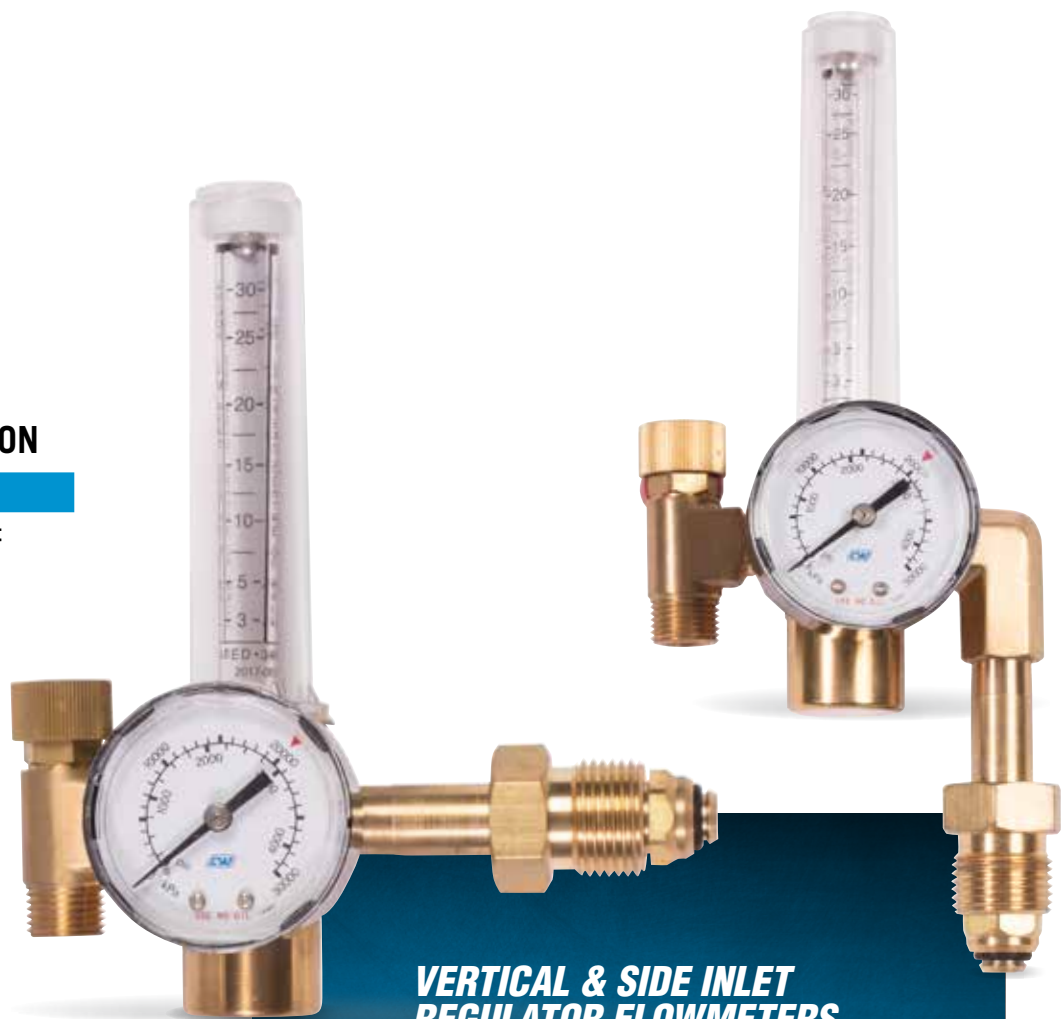
The 201030 and 201031 Regulator/Flowmeters provide accurate indication of flow rate of shielding gases for MIG and TIG welding processes.

The Regulator/Flowmeters have been designed for TIG processes and for MIG, Short Arc and Spray Arc applications and are calibrated for 0 to 30 lpm.

The metering ball is stainless steel. They are constructed with a machined brass body and cap, are back pressure compensated and have a self-reseating relief valve - not designed to protect down stream equipment.

ORDERING INFORMATION

Part No.	Description
201030	30 lpm Vertical Inlet
201031	30 lpm Side Inlet



VERTICAL & SIDE INLET REGULATOR FLOWMETERS

- Maximum 30 LPM Flow Rate
- Maximum Inlet Pressure 20,000kPa
- Robust brass body and fittings
- Failsafe against over pressure

Calibrated flow rates at 345 kPa inlet pressure.

- 0 to 30 lpm (Vertical / Side Inlet)
- Inlet connection 5/8" BSP - 18 Type 10
- Outlet connection 5/8" - 18 UNF - RH

FLASHBACK ARRESTORS

The CIGWELD CutSkill range of Flashback Arrestors provide the perfect option for those looking to safeguard against flashbacks, backfires and sustained backfires, in a situation where extremely high gas flows are not required.

CIGWELD's CutSkill Flashback Arrestors contain both a Non-Return Valve and a Flame Arrestor. Non-Return Valves prevent the reverse flow of gases from travelling past the Non-Return Valve. Flame Arrestors prevents a flame from travelling past the Flame Arrestor in the event of a flashback.

- Sold in pairs:
 - » Regulator Mounted Set – Oxy and Fuel
 - » Blowpipe Mounted Set – Oxy and Fuel
- Maximum working pressures:
 - » Fuel – Acetylene 150 kPa, LPG 400 kPa
 - » Oxygen – 800 kPa

ORDERING INFORMATION

Part No.	FBA SET
208504	Regulator Set
208505	Blowpipe Set



FEATURES

- AS 4603 compliant
- Features Flame Arrestor and Non-Return Valve
- Available in both Regulator and Blowpipe variants
- Colour coded wrap around labels
- Sold in pairs – Regulator Set & Blowpipe set
- Self-merchandising carton
- Date of manufacture stamped on body

BENEFITS

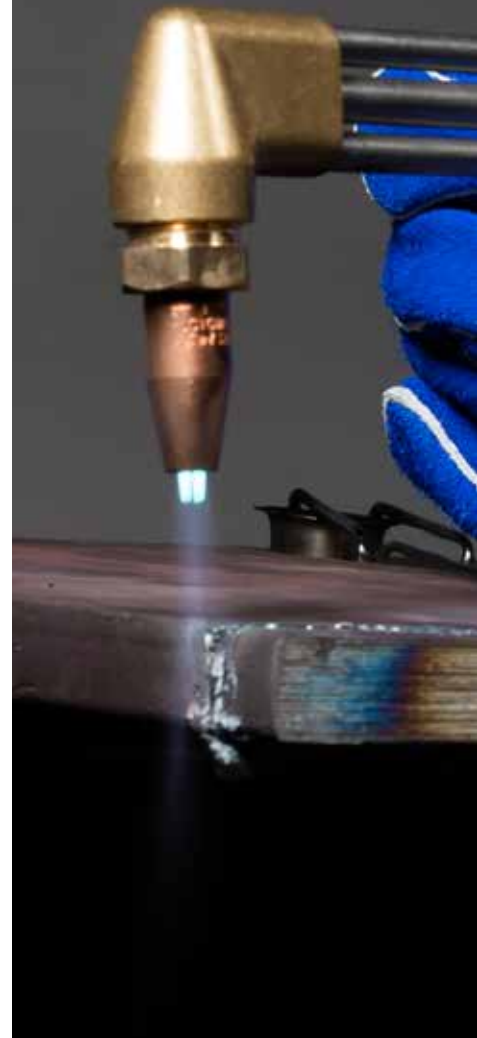
- Provides superior safety and performance. Ensures product is suitable for contracts requiring Australian Standards compliant products
- Prevents chance of injury resulting from flashback, backfire and sustained backfire
- Allows for quick identification as to whether the unit is designed for Oxygen or Fuel use

CUTSKILL TYPE 41 & 44 CUTTING NOZZLES

The CutSkill range of Type 41 & 44 cutting nozzles are designed for use with Oxygen/Acetylene and Oxygen/LP Gas or Natural gas respectively. These two seat nozzles are designed for use with CutSkill Cutting Attachment and ST400 Torch.

The Type 41 nozzles are manufactured from copper that provides effective heat resistance and the Type 44 are of two-piece construction incorporating a copper outer.

CutSkill nozzles combine CIGWELD's proven quality and performance with maximum cost effectiveness.



FEATURES

- Type 41 - single piece construction
- made from copper for heat resistance
- Type 44 (LPG) two piece construction
- copper outer with brass inner
- Suit CutSkill Cutting Attachment & ST400 Torch
- Economical & Cost Effective

ORDERING INFORMATION

Part No.	Size	Cutting Thickness mm	Fuel gas flow L/min @ 100kPa	Total Oxygen Flow & pressure L/min @ kPa
CutSkill Type 41 Cutting Nozzles (Oxy/Acetylene)				
206046	6	1-6	2.0	11 (200)
206047	8	6-10	3.5	20 (200)
206048	12	12-20	4.0	38 (200)
206049	15	25-75	7.0	75 (350)
206050	20	100-125	9.0	134 (400)
CutSkill Type 44 Cutting Nozzles (Oxy/LP Gas or Natural Gas)				
206025	6	3-6	2.0	17(200)
206026	8	6-12	3.5	30 (200)
206028	12	12-20	4.5	58 (250)
206029	15	25-75	5.5	99 (400)
206030	20	100-125	6.5	171 (400)

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GAS EQUIPMENT RANGE



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