





KNOWING WHAT IT TAKES TO GET THINGS DONE

Pioneer, a leader in metal cutting, gas control and speciality welding solutions, is meeting the needs of people who demand professional quality results, through a refined portfolio of Pioneer branded products. These products represent the leading edge in design, performance, quality and safety backed by 100 years of proven innovation.

The Pioneer lineup offers superior performance, excellent value and ease-of use that helps the craftsman to get the job done right the first time. The Oxyfuel range will perform a wide spectrum of tasks, from brazing sheet metal to cutting up to 300mm thick steel.

Pioneer Plasma offers a broad range of manual Plasma cutters capable of slicing up to 300mm in multiple metals. These machines are easy to use and can cut a variety of metals, including steel, aluminium, galvanized and more.

Pioneer MIG, STICK & TIG machines with its new lineup, is the core of the welding range. Our technology has changed the game, setting a new standard for portable welding equipment.

Developed according to international standards, our manufacturing plant is fully equipped with the most up-to-date precision manufacturing equipment with flexible automatic lines, managed in accordance with lean production systems, 5S and KAIZAN with an advanced ERP system controlling the whole process, as well as a result we have attained ISO9001:2008 and OHSAS 18000:2007 approval.

Our consumables are designed for total welding flexibility and optimized welding performance with each process with the added advantage of utilizing our excellent in product support, service and application know-how.



PREMIUM QUALITY

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MMA, MIG, TIG & Plasma

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MACHINES

MMA, MIG, TIG & PLASMA

★★★★★
PREMIUM QUALITY



QUALITY & STANDARD

ISO 9001 ISO 14001 OHSAS 18001

Developed according to international standards, Pioneer is fully equipped with the most up-to-date precision manufacturing equipment with flexible automatic lines, it is managed in accordance with lean production systems.

Product Selection Guide

Metal Type	Stick	MIG	FCAW	SAW	AC-TIG	DC-TIG	CAC-ADC	Plasma
Steel	✓	✓	✓	✓		✓	✓	✓
Stainless Steel	✓	✓	✓	✓		✓	✓	✓
Aluminium		✓			✓		✓	✓
Cast Iron	✓						✓	✓
Copper/Brass		✓				✓	✓	✓
Titanium						✓		✓
Magnesium Alloys					✓			✓
Skill Level	Moderate	Low	Low	Moderate	High	High	Moderate	Low
WELDING PROCESS							CUTTING PROCESS	

Icons



Thermal Protect



Pulse



Voltage Stepless Control



2T / 4T Selection



Anti-Sticking



Dual Driving Wire Feeding



Gas Pre-Flow



ARC Force



Slow Wire Feeding



Gas Post-Flow



Hot Start



Burn Back



Slope Down



Cellulosic Electrode



Gas Check



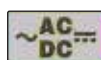
Slope Up



Generator Friendly



IGBT Inverter



Alternating or Direct Current Welding Output



50/60 Hertz Input Power



Direct Current Welding Output



Single Phase Input Power



Fan-cooled



For Constant Current Stick and TIG Process



Three Phase Input Power

PIONEER

PROFESSIONAL WELDING EQUIPMENT





WHERE
RELIABILITY MEETS
PERFORMANCE

★★★★★
PREMIUM QUALITY

CARI ARC 160 DC INVERTER

Part No. ARC160

- Portable IGBT Inverter stick welder
- Power Indicator
- Thermal Protection
- Stepless current setting
- Hot Start
- ARC force
- Available for Rutile and Basic electrode
- Scratch Tig

ACCESSORIES:

Welding cable with electrode holder;
Earth cable with Earth clamp
(CCA Cable 16mm², 10-25 Dinse connector)



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode diameter (mm)
CARI-ARC 160	1-ph-220V 50/60Hz	19.4A (20 degree) 11.2A (40 degree)	20-160A	68V	60% at 160A at 20 degrees 30% at 160A at 40 degrees	2.0-3.2mm



CARI ARC 200 DC INVERTER

Part No. ARC200

- Portable IGBT Inverter stick welder
- Power Indicator
- Thermal Protection
- Stepless current setting
- Hot Start
- ARC force
- Available for Rutile and Basic electrode
- Scratch Tig

ACCESSORIES:

Welding cable with electrode holder;
- Earth cable with Earth clamp
(CCA Cable 16mm², 10-25 Dinse connector)



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode diameter (mm)
CARI-ARC 200	1-ph-220V 50/60Hz	23.2A (20 degree) 13.4A (40 degree)	20-200A	68V	60% at 160A at 20 degrees 30% at 200A at 40 degrees	2.0-4.0mm



ARC 200 DC INVERTER (VRD)

Part No. ARC200VRD

- Portable IGBT Inverter stick welder
- Power Indicator
- Thermal Protection
- Stepless current setting
- Hot Start
- VRD
- ARC force
- Available for Rutile and Basic electrode
- Lift ARC TIG
- Digital Display
- Generator Friendly

ACCESSORIES:

3m Welding cable with electrode holder;
2m Earth cable with Earth clamp
(CCA Cable 16mm², 35-50 Dinse connector)



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode diameter (mm)
ARC 200	1-ph-220V 50/60Hz	19.4A (20 degree) 11.2A (40 degree)	20-200A	69V	60% at 160A at 20 degrees 30% at 200A at 40 degrees	2.0-5.0mm



ARC 400 VRD

Part No. ARC400VRD

- Portable stick welder
- Advanced IGBT technology
- Thermal protection
- VRD
- Built in Anti Stick, Hot Start
- Arc Force
- Digital display

ACCESSORIES:
Optional Cable kit



ARC

Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode/Wire diameter (mm)
ARC 400VRD	3-ph-380V 50/60Hz	50	MMA15-400A	69V	60%@400	2.0-5.0mm



CARI MIG 180

Part No. CARI-MIG180 (multiprocessor)

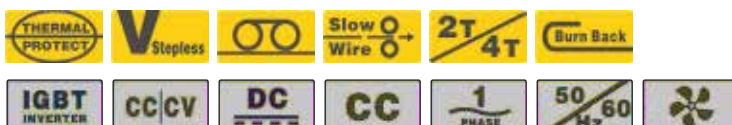
- Multi process Mig welder
- MMA/MIG Function
- Power Indicator
- Digital display
- 2T / 4T
- Stepless wire feed setting
- Removable MB 25 Mig Torch
- Digital Volts & Amps Display
- Available for 5kg Spool

ACCESSORIES:
4m MB 15 MIG TORCH with 0.8mm contact tip;
3m Grounding cable 25mm² with Earth clamp 10-25 Dinse connector;
3m Φ8mm gase hose with connector and 9-16 hose clamp;
Small kits: wrench, 9-16 hose clamp, 0.8, 1.0mm contact tip 1pc each;
Argon flow meter



MIG

Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode/Wire diameter (mm)
CARI-MIG180	1-ph-220V 50/60Hz	32	MIG50-250A; MMA30-200A	55V	60%@250	2.0-2.5mm 0.8-1.0mm



POWER MIG 251KD

Part No. MIG250 KD (multiprocessor)

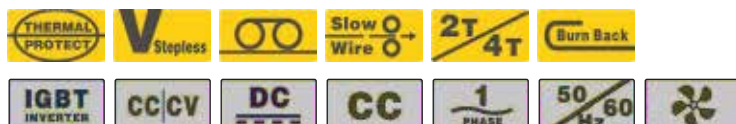
- Multi process Inverter Mig welder
- MMA/MIG Function
- Power Indicator
- Digital display
- 2T / 4T
- Stepless wire feed setting
- Removable MB 25 Mig Torch
- Digital Volts & Amps Display
- Available for 15kg Spool

ACCESSORIES:

4m MB 25 MIG TORCH with 0.8mm contact tip;
3m Grounding cable 25mm² with Earth clamp 35-70 Dinse connector;
3m Φ8mm gase hose with connector and 9-16 hose clamp;
Small kits: wrench, 9-16 hose clamp, 0.8, 1.0mm contact tip 1pc each;
CO² regulator



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode/Wire diameter (mm)
MIG 250K	1-ph-220V 50/60Hz	45	MIG50-250A; MMA30-200A	55V	60%@250	2.0-2.5mm 0.8-1.2mm



POWER MIG 300WD

Part No. MIG300WD (multiprocessor)

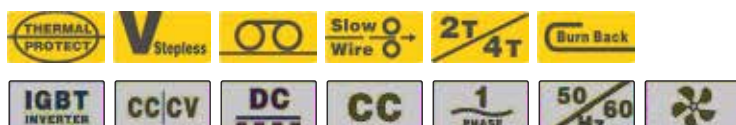
- Industrial Inverter Mig welder
- MMA/MIG Function
- Power Indicator
- Digital display
- 2T / 4T
- Stepless wire feed setting
- Removable MB 25 Mig Torch
- Digital Volts & Amps Display
- Available for 15kg Spool

ACCESSORIES:

4m MB 25 MIG TORCH with 0.8mm contact tip;
3m Grounding cable 25mm² with Earth clamp 35-70 Dinse connector;
3m Φ8mm gase hose with connector and 9-16 hose clamp;
Small kits: wrench, 9-16 hose clamp, 0.8, 1.0mm contact tip 1pc each;
CO² regulator



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode/Wire diameter (mm)
MIG300WD	3-ph-380V 50/60Hz	16.8	MIG50-300A; MMA30-300A	73V	60%@300	2.0-2.5mm 0.8-1.2mm



INVERTER MIG 350-IB

Part No. MIG350IB

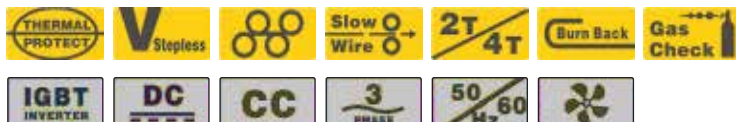
- IGBT Inverter three phase with separate wirefeeder MIG/STICK welder
- Thermal protection
- Digital display
- Gas Check
- Burn back
- Stepless heat and wire feed setting
- Four Roller
- Manual Wire feeding
- Available for 15kg Spool

ACCESSORIES:

4m MIG torch MB36 with 1.0mm contact tip;
3m Grounding cable 40mm² with Earth clamp (70-95mm Dinse connector);
5m 6pin plug/4pin socket control cable and connection cable;
7m gas hose with quick gas connector
9-16 hose clamp; 0.8, 1.0, 1.2mm contact tip 2pc for each, fuse 3A, 8A 1 pc each;
0.8/1.0mm roller 2pc, 1.0/1.2 roller installed in the machine; gas meter



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode/Wire diameter (mm)
MIG 350IB	3-ph-380V 50/60Hz	25.5A	40-350A	60V	60%@350A	0.8-1.2mm



INVERTER MIG 500-IB

Part No. MIG500IB

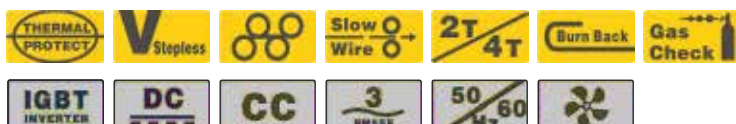
- IGBT Inverter three phase with separate wire feeder MIG/STICK welder
- Thermal protection
- Digital display
- Gas Check
- Burn back
- Stepless heat and wire feed setting
- Four Roller
- Manual Wire feeding
- Available for 15kg Spool

ACCESSORIES:

4m MIG torch MB40 with 1.0mm contact tip;
3m Grounding cable 40mm² with Earth clamp (70-95mm Dinse connector);
5m 6pin plug/4pin socket control cable and connection cable;
7m gas hose with quick gas connector
9-16 hose clamp; 0.8, 1.0, 1.2mm contact tip 2pc for each, fuse 3A, 8A 1 pc each;
0.8/1.0mm roller 2pc, 1.0/1.2 roller installed in the machine; gas meter



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode/Wire diameter (mm)
MIG 500IB	3-ph-380V 50/60Hz	41.8A	50-500A	68V	60%@500A	0.8-1.6mm



TIG 200 PHF

Part No. TIG200PHF

- Portable inverter DC HF TIG/MMA TIG pulse machine
- HF TIG
- ARC Force
- Anti-Sticking
- Hot Start
- Digital Display
- Stepless setting
- Pulse Frequency adjustment
- Pulse Width adjustment
- Pulse Current Adjustment

ACCESSORIES:

4m WP-26 TIG TORCH with 2pin plug and 35-70 quick connector;
3m 16mm² Earth cable with 35-70 quick connector and 300A Earth clamp;
Φ8 Gas hose with 9-16 clamp;
Small accessories



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode/Wire diameter (mm)
TIG200PHF	1-ph-220V 50/60Hz	38A	MMA: 20-200 DCTIG: 5-200	66V	60%@200A	2.0-4.0mm



AC/DC TIG 200A

Part No. TIG200AC/DC

- Professional IGBT inverter AC/DC TIG pulse machine
- HF TIG
- Thermal protection
- Gas pre flow
- Gas post flow
- Digital Display
- Stepless setting
- Pulse Frequency adjustment
- Pulse Width adjustment
- Pulse Current Adjustment

ACCESSORIES:

5m WP-26 TIG TORCH with 2pin plug and 35-70 quick connector;
3m 16mm² Earth cable with 35-70 quick connector and 300A Earth clamp;
Φ8 Gas hose with 9-16 clamp;
Small accessories



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode/Wire diameter (mm)
TIG200 AC/DC	1-ph-220V 50/60Hz	34A	MMA: 5-170 DCTIG: 5-200 ACTIG (HF): 10-200A ACTIG (LIFT): 30-200A	68V	60%@200A	



AC/DC TIG 315A

Part No. TIG315AC/DC

- Professional IGBT inverter AC/DC TIG pulse machine
- Lift ARC TIG
- ARC Force
- Anti-Sticking
- Hot Start
- Digital Display
- Stepless setting
- Pulse Frequency adjustment
- Pulse Width adjustment
- Pulse Current Adjustment

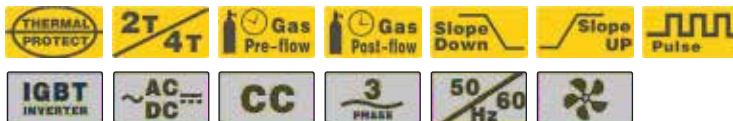
ACCESSORIES:

5m WP-18 TIG TORCH with 2pin plug #7 nozzle, $\Phi 3.2\text{mm}$ collect and holder, short cap and small accessories pack (#4, #5, #6 nozzle, $\Phi 2.0$, $\Phi 2.4$ tungsten collect long cap); 2m Grounding cable with 25m² with 35-70 Dinse connector, 3m* $\Phi 8$ reinforced gas hose and hose clamp



TIG

Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode/Wire diameter (mm)
TIG 315 AC/DC	3-ph-380V 50/60Hz	21A	TIG 20-315A	65V	35%@315A/250A	



WIRE FEEDER

Part No. SB10F

- The wire feeder for MIG machine, four roller driving.
- Semi-close structure for outdoor application.
- Burn back time adjustment, slow feeding, 2 step/4 step control, inching feeding, gas checking.
- Checking max spool loading 20kg.
- Wire feeding speed stepless control, stable and reliable high speed wire feeding.



Pioneer Model:	Input Power	Drive Roll	Torch Adaptor	Socket	Solenoid
SB10F	24V	SB-10F-1	Euro Type	Panasonic 6pin male & female socket	AC24V, DC 24V 76ZY02 Right Motor

MIG & TIG

9L WATER COOLER

Part No. WS10



HOTBOX

Part No. HB05- 5 KG

Part No. HB012- 12 KG



CUT 40 PLASMA CUTTER

Part No. CUT40

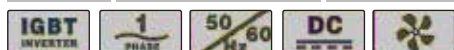
- Professional IGBT Inverter Plasma cutting machine
- Max cutting thickness 10mm / quality cut 8mm
- Thermal protection
- Built in pressure gauge

ACCESSORIES:

P80 cutting torch with 2pin connector;
5 electrodes, 5 nozzles, 2 diffusers;
3m Earth cable 6mm² with 10-25 connector;
200A Earth clamp; Φ8mm gas hose;
AW2000-02 gas regulator;
Small accessories (2 gas connectors)



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Cutting Capacity
CUT 40	1-ph-230V 50Hz	28A	15-40A	280V	60%at40A	Max cutting: 10mm Quality cutting: 8mm



CUT 70 PLASMA CUTTER

Part No. CUT70

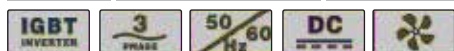
- Professional IGBT Inverter Plasma cutting machine
- Max cutting thickness 25mm / quality cut 17mm
- Thermal protection

ACCESSORIES:

P80 cutting torch 5m*10mm² YH Earth cable
with 200A Earth clamp;
35-70 quick connector 3m*Φ8mm tube



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Cutting Capacity
CUT 70	3-ph-380V 50Hz	14A	25-70A	315V	60%at70A	Max cutting: 25mm Quality cutting: 17mm



CUT 100 PLASMA CUTTER

Part No. CUT100

- Professional IGBT Inverter Plasma cutting machine
- Max cutting thickness 30mm / quality cut 20mm
- Thermal protection

ACCESSORIES:

5m P80 Plasma cutting torch;
3m Earth cable 16mm² with 10-25 connector;
200A Earth clamp; 3m Φ8mm gas hose;
QAW3000 gas regulator;
Small accessories: 5pc 2A fuse, 2pc Gas valve connector



Pioneer Model:	Power Supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Cutting Capacity
CUT100	3-ph-380V 50	25A	20A-100A	284V	60%@100A	Max cutting: 30mm Quality cutting: 20mm





ARC

WELDING & ACCESSORIES



PREMIUM QUALITY



EARTH CLAMP 300A PLATED

Part No. EC300



- 300 Amps @ 60% Duty Cycle
- Light to medium duty

HEAVY DUTY BRASS G CLAMP 600A

Part No. EC600G



- 600 Amps @ 60% Duty Cycle
- Light to medium duty

EARTH CLAMP 400A PLATED

Part No. EC400



- 400 Amps @ 60% Duty Cycle
- Medium to heavy duty

KD STYLE ELECTRODE HOLDER 300A

Part No. EL300H



- 300 Amps @ 60% Duty Cycle
- Light to medium duty

EARTH CLAMP 500A PLATED

Part No. EC500



- 500 Amps @ 60% Duty Cycle
- Heavy duty

KD STYLE ELECTRODE HOLDER 500A

Part No. EL500H



- 500 Amps @ 60% Duty Cycle
- Light to medium duty

EARTH CLAMP 600A PLATED

Part No. EC600



- 600 Amps @ 60% Duty Cycle
- Heavy duty

OPTIMUS ELECTRODE HOLDER 300A

Part No. OPT300



- 300 Amps @ 60% Duty Cycle
- Light to medium duty

OPTIMUS ELECTRODE HOLDER 400A

Part No. OPT400



- 400 Amp Industrial electrode holder
- Insulated Jaws heavy duty

SAM ELECTRODE HOLDER 300A

Part No. EL300



- 300 Amp Industrial electrode holder
- Insulated Jaws heavy duty

OPTIMUS ELECTRODE HOLDER 600A

Part No. OPT600



- 600 Amp Industrial electrode holder
- Insulated Jaws heavy duty

SAM ELECTRODE HOLDER 500A

Part No. EL500



- 500 Amp Industrial electrode holder
- Insulated Jaws heavy duty

TWIST-LOCK ELECTRODE HOLDER 500A

Part No. TL500



- 500 Amp Industrial electrode holder
- Heavy duty screw type electrode holder

WELDERS WIRE BRUSH 5 ROW

Part No. WHO15



- Wooden handle steel bristles
- Cleaning mild steel surfaces before and after welding

CHIPPING HAMMER 300G

Part No. WHO14



- Chisel and point end with spring handle

STAINLESS STEEL WELDERS WIRE BRUSH

Part No. WHO15-S



- Stainless steel bristles
- Cleaning stainless steel & aluminium surfaces before & after welding

DINSE TYPE 10/25 CABLE CONNECTORS

- Part No. WH008MS 10/25 Male
- Part No. WH024 10/25 Female



- Solid brass rubber insulated connectors
- For use with 10 & 25mm cable

PANEL SOCKETS

- Part No. WH008F 10/25
- Part No. WH007F 35/50
- Part No. WH008M 50/70



- Panel sockets for welding machines
- For use with 10/25, 35/50 & 50/70 Dinse connectors

DINSE TYPE 35/ 50 CABLE CONNECTORS

- Part No. WH007M 35/50 Male
- Part No. WH022 35/50 Female



- Solid brass rubber insulated connectors
- For use with 30 & 50mm cable

CABLE LUGS

- Part No. WH011-1 Cable Lugs 35-10
- Part No. WH011 Cable Lugs 35-12
- Part No. WH012-1 Cable Lugs 50-10
- Part No. WH012 Cable Lugs 50-12
- Part No. WH013 Cable Lugs 70-12
- Part No. WH013-1 Cable Lugs 95-12
- Part No. WH013-2 Cable Lugs 120-14
- Part No. WH013-3 Cable Lugs 185-16



- Tin plated high conductive copper lugs
- For all welding cable sizes

DINSE TYPE 50/ 70 CABLE CONNECTORS

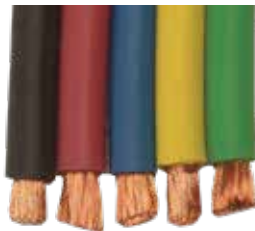
- Part No. WH008 50/70 Male
- Part No. WH021 50/70 Female



- Solid brass rubber insulated connectors
- For use with 50 & 70mm cable

WELDING CABLE

- Part No. C16-PVC Green 16mm PVC
- Part No. C25-PVC Blue 25mm PVC
- Part No. C35-PVC Grey 35mm PVC
- Part No. C50-PVC Red 50mm PVC
- Part No. C70-PVC Brown 70mm PVC
- Part No. C16 Black rubber 16mm



- Double insulated colour coded welding cable
- SABS approved

DINSE TYPE 70/ 95 CABLE CONNECTORS

- Part No. WH028 70/95 Male
- Part No. WH029 70/95 Female



- Solid brass rubber insulated connectors
- For use with 70 & 95mm cable

WELDING CABLE KITS

Part No. WS001 - Green welding cable kit (175amps) with cable lugs

Part No. WS001-1 - Green welding cable kit (175amps) with cable dinse plugs 10-25mm

Part No. WS002 - Blue welding cable kit (230amps) with cable lugs

Part No. WS002-1 - Green welding cable kit (230amps) with cable dinse plugs 10-25mm



K4 TYPE GOUGING TORCH

Part No. WT015



- Carbon Arc air Gouging Torch 800amp
- Application: Gouging, cutting, beveling & piercing metal
- Compressed air required: 80-100 psi

K5 TYPE GOUGING TORCH

Part No. WT016



- Heavy duty Arc air Gouging Torch 1000amp
- Application: Gouging, cutting, beveling & piercing metal
- Compressed air required: 80-100 psi

ANTI SPATTER SPRAY

Part No. WC01 Silicone Free

Part No. WC02 Silicone



- Anti-spatter 400ml Silicone spray
- Anti-spatter 375ml non-silicone spray

PENETRANT, DEVELOPER & CLEANER

Part No. WC06 Pentrant

Part No. WC07 Cleaner

Part No. WC08 Developer



- Non-Destructive testing for quality welding.
- Size: 325ml

METAL PREPARATION

Part No. WC05 STAINOX N PICKLING PASTE

Part No. WC09 STAINLESS PRE CLEANER

Part No. WC10 PASSIVATING GEL

Part No. WC11 ALL BRIGHT ALUI CLEANER

Part No. WC12 RUST REMOVER



- Improve your stainless-steel quality after welding.

BOILER MAKERS CHALK (SOAP STONE)

Part No. MTP045

Part No. MTP045-HOLDER



- 144 Pieces per box

ABRASIVES

Part No. P80411151M (115 X 1 X 22.2)



Cutting

Part No. P804111516M (115 X 1.6 X 22.2)



Cutting

Part No. P8044123019M (230 X 1.9 X 22.2)



Cutting

Part No. P80271156M (115 X 6 X 22.2)



Grinding

Part No. P80272306M (230 X 6 X 22.2)



Grinding

Part No. PSFD115A (115 X 22.2)



Sanding



PANORAMIC TRUE COLOUR AUTO DARKENING WELDING HELMET

Part No. WH001PAN

★★★★★
PREMIUM QUALITY



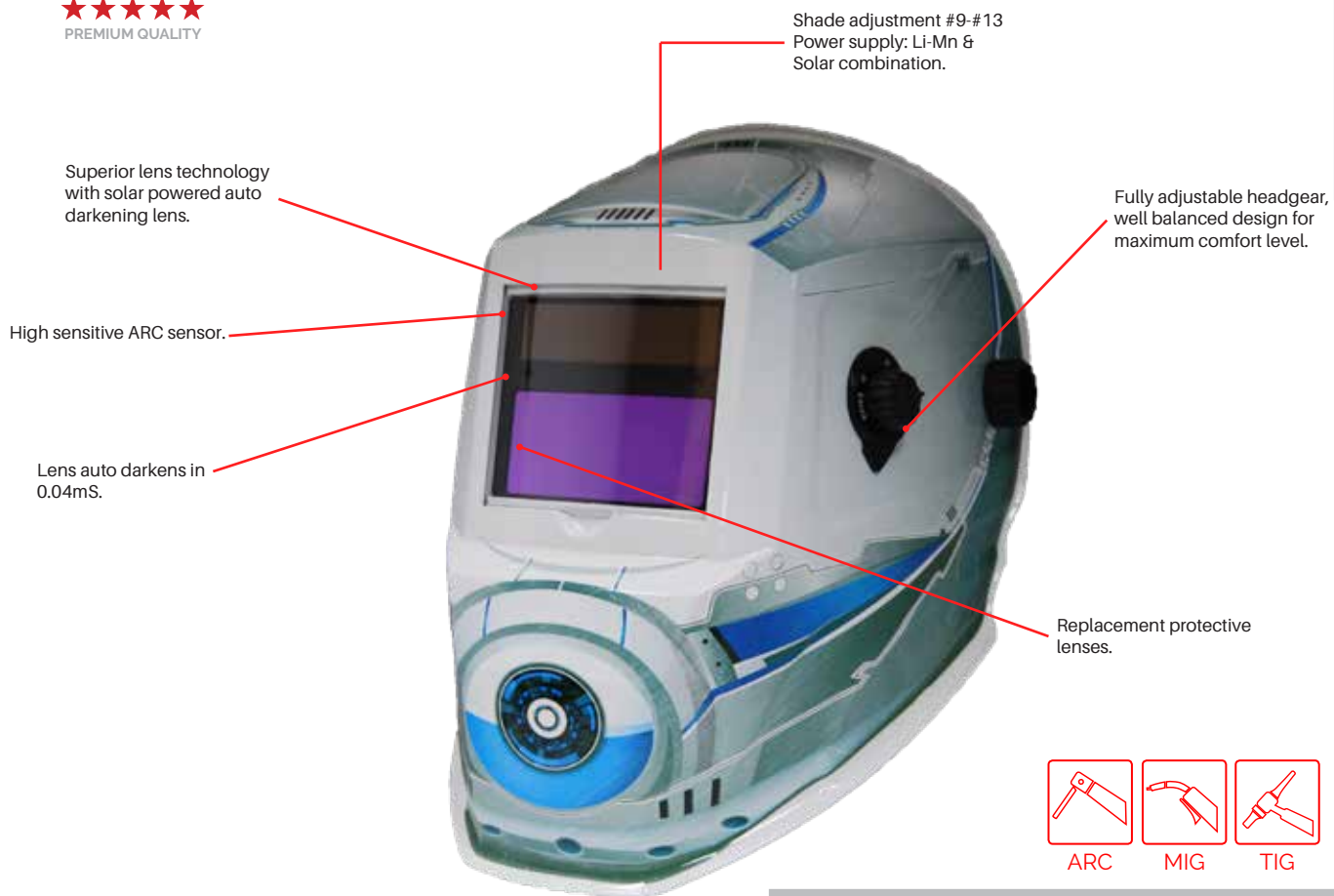
- Independent arc sensors with adjustable sensitivity and delay controls
- Safer and more comfortable with auto darkening window
- Lens auto – darkens in 1/ 10,000 of a second
- Grind protection against high speed particles (EN 175B)
- Extended throat guard for more protection
- External knob dark shade adjustment from 3# Shade 4 to Shade 12, Light shade # 3
- True color – Technology allows a realistic color perception and enhances color
- Extra-large viewing Area.



OPTI-VIEW ELITE AUTO DARKENING WELDING HELMET

Part No. WH001ANBQ (Blue) | WH0011AO (White)

★★★★★
PREMIUM QUALITY



- Suitable for MIG, TIG & Stick welding.
- Solar Powered auto darkening lens, ANSI approved.
- Fully adjustable headgear for comfort.
- Shade adjustment Outside: Shade 9-13
- Switching Time: 0.04ms
- Sensitivity stepless adjustment.
- Delay time adjustment: 0.15s-0.80s
- Power supply: Li-Mn & Solar combination
- Certification: CE, ANSI, RoHS
- Replacement protective lens



Part No. WH0011AO



Part No. WH001ANBQ



OPTI-VIEW AUTO DARKENING WELDING HELMET

Part No. WH001ABBK (adjustable)



Adjustable



- Suitable for MIG, TIG & Stick welding.
- Solar Powered auto darkening lens, ANSI approved.
- Fully adjustable headgear for comfort.
- Shade adjustment Outside: Shade 9-13
- Switching Time: 0.1mS
- Delay time inside switch: 0.25s-0.70s
- Power supply: Li-Mn & Solar combination
- Certification: CE, ANSI
- Replacement protective lens

OPTI-VIEW AUTO DARKENING WELDING HELMET

Part No. WH001ANBK (non-adjustable)



Non-Adjustable



- Suitable for MIG, TIG & Stick welding.
- Solar Powered auto darkening lens, ANSI approved.
- Fully adjustable headgear for comfort.
- Switching Time: 0.1mS
- Delay time inside switch: 0.25s-0.70s
- Power supply: Li-Mn & Solar combination
- Certification: CE, ANSI
- Replacement protective lens.

FLIP FRONT WELDING HELMET

Part No. WH001-PION



Premium



- Spare headgear and lens available
- Adjustable head band

FLIP FRONT WELDING HELMET

Part No. WH001



Standard



- Standard flip front helmet
- Spare headgear and lens available
- Adjustable head band

WELDING LENS - AVAILABLE IN DIFFERENT SHADES (108x51)

Part No. WH004 - Shade 8

Part No. WH003 - Shade 10

Part No. WH005 - Shade 12

Part No. WH006 - Clear glass 3mm

Part No. WH006P - Clear 1000 hour plastic



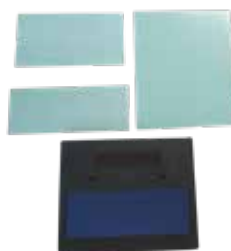
OPTI-VIEW PROTECTIVE LENS AND CARTRIDGE

Part No. WH104 - Auto Darkening Filter

Part No. WH001ARC - Outa Protective Lens (110x90)

Part No. WH001LENS1 - Outa Protective Lens (110x90)

Part No. WH001LENS2 - Outa Protective Lens (102x40)





WELDING & ACCESSORIES

★★★★★
PREMIUM QUALITY



BNZ STYLE MIG TORCHES

BNZ 15 MIG TORCH

Part No. WT004



- 150 Amps @ 60% Duty Cycle
- 4m MiG torch
- Light to medium duty
- 0.6 - 1.0 mm Wire
- Mixed Gases

BNZ 25 MIG TORCH

Part No. WT006



- 230 Amps @ 60% Duty Cycle
- 4m MiG torch
- Light to medium duty
- 0.8 - 1.2 mm Wire
- Mixed Gases

BNZ 36 MIG TORCH

Part No. WT008



- 270 Amps @ 60% Duty Cycle
- 4m MiG torch
- Medium to heavy duty
- 0.8 - 1.2 mm Wire
- Mixed Gases

BNZ 40 MIG TORCH

Part No. WT009



- 320 Amps @ 60% Duty Cycle
- 4m MiG torch
- Heavy duty
- 0.6 - 2.4 mm Wire
- Mixed Gases

BNZ 501 MIG TORCH

Part No. WT011 (water cooled)



- 500 Amps @ 60% Duty Cycle
- 4m MiG torch
- Heavy duty water cooled
- 1.0 - 2.0 mm Wire
- Mixed Gases

RB61 MIG TORCH

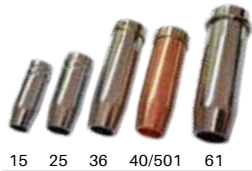
Part No. WT021



- 500 Amps @ 60% Duty Cycle
- 4m MiG torch
- Heavy duty air cooled
- 1.0 - 1.2 mm Wire
- Mixed Gases

BNZ STYLE GAS NOZZLE (SHROUD)

- Part No. MTP017 - BNZ 15 conical nozzles
- Part No. MTP017 - BNZ 36 conical nozzles
- Part No. MTP017 - BNZ 40 conical nozzles
- Part No. MTP017 - BNZ 501 conical nozzles
- Part No. MTP017 - BNZ RB61 conical nozzles



RB61 STYLE M10 - CONTACT TIPS

- Part No. MTP061-1 - M10x1.0mm
- Part No. MTP061 - M01x1.2mm
- Part No. MTP062-1 - M10x1.4mm
- Part No. MTP062 - M10x1.6mm



BNZ STYLE M6 - CONTACT TIPS

- Part No. MTP001 - M6x0.8mm
- Part No. MTP002 - M6x0.9mm
- Part No. MTP003 - M6x1.0mm
- Part No. MTP004 - M6x1.2mm
- Part No. MTP04-1 - M6x1.4mm
- Part No. MTP04-2 - M6x1.6mm
- Part No. MTP04-3 - M6x2.0mm



BNZ STYLE GAS DIFFUSERS

- Part No. MTP008 - BNZ 36
- Part No. MTP009 - BNZ 501
- Part No. MTP010 - BNZ 40
- Part No. MTP063 - BNZ 61



BNZ STYLE M8 - CONTACT TIPS

- Part No. MTP005-1 - M8x0.8mm
- Part No. MTP005 - M8x0.9mm
- Part No. MTP006 - M8x1.0mm
- Part No. MTP007 - M8x1.2mm
- Part No. MTP07-1 - M8x1.4mm
- Part No. MTP07-2 - M8x1.6mm
- Part No. MTP07-3 - M8x2.0mm



PIONEER BNZ STYLE TIP ADAPTORS

- Part No. MTP011 - BNZ 15xM6
- Part No. MTP012 - BNZ 25xM6
- Part No. MTP013 - BNZ 36xM6
- Part No. MTP014 - BNZ 36xM8
- Part No. MTP015 - BNZ 40xM8
- Part No. MTP016 - BNZ 501xM8
- Part No. MTP060 - BNZ RB61xM10



BNZ STYLE SWAN NECKS

- Part No. MTP022 - BNZ 15 swan neck
- Part No. MTP023 - BNZ 25 swan neck
- Part No. MTP024 - BNZ 36 swan neck
- Part No. MTP025 - BNZ 40 swan neck
- Part No. MTP026 - BNZ 501 swan neck



BNZ STYLE STEEL LINERS

- Part No. MTP027 - Blue 0.6-0.9mm | 4.5m
- Part No. MTP028 - Red 1.0-1.2mm | 4.5m
- Part No. MTP028Y - Yellow 1.2-1.6mm | 4.5m
- Part No. MTP065 - 1.2-1.6mm Steel | 4.5m for 501 torch
- Part No. MTP083 - 1.2-2.0mm | 4.5m for RB61 torch



**BNZ STYLE TEFLON LINERS
(FOR ALUMINIUM WELDING)**

- Part No. MTP105 - Blue 0.6-0.9mm | 4m
- Part No. MTP106 - Red 1.0-1.2mm | 4m
- Part No. MTP107 - Yellow 1.2-1.6mm | 4m



TWEECO STYLE MIG TORCHES

MOD 4 MIG TORCH

Part No. WT024



- 260 Amps @ 60% Duty Cycle
- 4m MiG torch
- Heavy duty air cooled
- 0.8 - 1.6 mm Wire
- Mixed Gases

MOD 5 MIG TORCH

Part No. WT025



- 420 Amps @ 60% Duty Cycle
- 4m MiG torch
- Heavy duty air cooled
- 1.0 - 2.4 mm Wire
- Mixed Gases

TWEECO STYLER SWAN NECKS

Part No. MTP080 (mod 4)

Part No. MTP081 (mod 5)



TWEECO STYLE CONTACT TIPS

Part No. MTP068 - M6 14H45 1.2mm

Part No. MTP069 - M6 14H52 1.4mm

Part No. MTP070 - M8 15H45 1.2mm

Part No. MTP071 - M8 51H52 1.4mm



TWEECO STYLE MOD 4 GAS DIFFUSER TIP ADAPTER

Part No. WH072 - 54A

Part No. WH073 - 55A (up till 2.0mm)



TWEECO STYLE NOZZLE

Part No. MTP074 - Mod 2 & 4 self insulating 23-62

Part No. MTP075 - Mod 4 coarse threaded 24CT62S

Part No. MTP076 - Mod 5 coarse threaded 25CT62S

Part No. MTP077 - Mod 2 & 4 insulator 34A

Part No. MTP078 - Mod 4 insulator 34CT

Part No. MTP079 - Mod 5 insulator 35CT



TWEECO STYLE LINERS

Part No. MTP082 - Mod 4 & 5 Euro end | 1.6mm





TIG

WELDING & ACCESSORIES

★★★★★
PREMIUM QUALITY



TIG TORCHES

TIG TORCH WR17V

Part No. WT001-1 Torch 4m

Part No. WT001 Torch 8m



- 200amp TIG torch
- Available in either 4m or 8m lengths
- Adjustable valve for gas flow
- Complete with 10/25 male dinse cable connector.
- Suitable for use on a DC inverter.

TIG TORCH WR18

Part No. WT002 WP18 Torch 8m

WATER COOLED



- 350amp TIG torch
- Available in either 4m or 8m lengths
- Adjustable valve for gas flow and trigger switch.
- Complete with 35/50 male dinse cable connector.
- Suitable for use on an AC/DC machine for continuous welding.
- Gas hose filter with 3/8 R/H nipple
- Water hose has 3/8 L/H nipples

TIG TORCH WR26V

Part No. WT002-1 Torch 4m



- 350amp TIG torch
- Available in either 4m or 8m lengths
- Adjustable valve for gas flow and trigger switch.
- Complete with 35/50 male dinse cable connector.
- Suitable for use on an AC/DC machine for continuous welding.
- Gas hose filter with 3/8 R/H nipple
- Water hose has 3/8 L/H nipples

TORCH BODY 26V

Part No. MTP029



TORCH BODY 26V NO VALVE

Part No. MTP029-1



PIONEER TORCH BODY 17V

Part No. MTP030



COLLETS (WP17,18,26 TORCH)

Part No. MTP031 - 10N23 | 1.6mm

Part No. MTP032 - 10N24 | 2.4mm

Part No. MTP033 - 10N25 | 3.2mm

Part No. MTP033-1 - 10N26 | 4.0mm

Part No. MTP091 - 10N24S Stubby



COLLET BODY (WP17,18,26 TORCH)

Part No. MTP034 - 10N31 | 1.6mm

Part No. MTP035 - 10N32 | 2.4mm

Part No. MTP036 - 10N33 | 3.2mm

Part No. MTP036-1 - 10N34 | 4.0mm

Part No. MTP086-INSULATOR FRONT

Part No. MTP087-INSULATOR BACK



TUNGSTEN ELECTRODE THORIATED (STAINLESS & MILD STEEL)

Part No. MTP043 - 2% Thoriated
1.6mmx150mm Red tip

Part No. MTP044 - 2% Thoriated
2.4mmx150mm Red tip

Part No. MTP044-2 - 2% Thoriated
3.2mmx150mm Red tip

Part No. MTP044-3 - 2% Thoriated
4.0mmx150mm Red tip



BACK CAP LONG & SHORT (WP17,18,26 TORCH)

Part No. MTP037 - Short cap 57Y04

Part No. MTP038 - Long cap 57Y02



ALUMINA CERAMIC NOZZLES (WP17,18,26 TORCH)

Part No. MTP039-1 - 10N45 #10 | 16mm

Part No. MTP039 - 10N46 #8 | 13mm

Part No. MTP040 - 10N47 #7 | 11.0mm

Part No. MTP041 - 10N48 #6 | 9.0mm

Part No. MTP042 - 10N49 #5 | 8.0mm

Part No. MTP042-1 - 10N50 #4 | 6.0mm



TUNGSTEN ELECTRODE THORIATED (ALUMINIUM)

Part No. MTP043-1 - Zirconiated
1.6mmx150mm White tip

Part No. MTP044-1 - Zirconiated
2.4mmx150mm White tip

Part No. MTP044-4 - Zirconiated
3.2mmx150mm White tip

Part No. MTP044-5 - Zirconiated
4.0mmx150mm White tip



ALUMINA CERAMIC NOZZLES (WP9,17,18 TORCH)

Part No. MTP090-2 - 13N10 Alumina

Part No. MTP108 - 53N87 No.12 Alumina

Part No. MTP109 - 53N88 No.10 Alumina



GAS LENS - ALUMINIUM CERAMIC NOZZLES (WP17,18,26 TORCH)

Part No. MTP088 - 54N14 No. 8 Alumina

Part No. MTP089 - 54N15 No. 7 Alumina

Part No. MTP090 - 54N16 No. 6 Alumina

Part No. MTP090-1 - 54N17 No. 5 Alumina



GAS LENS - COLLET BODY (WP17,18,26 TORCH)

Part No. MTP083-1 45V25 | 1.6mm

Part No. MTP084-1 45V26 | 2.4mm

Part No. MTP084-2 45V75 | 3.2mm

Part No. MTP084-3 45V64 | 2.4mm





WELDING & ACCESSORIES

★★★★★
PREMIUM QUALITY



WELDING & CUTTING COMBINATION KIT

Part No. CT002

★★★★★
PREMIUM QUALITY



- Professional welding & cutting kit in a strong durable carry case.
- Suitable for cutting up to 200mm & a welding capacity of 9mm
- Ideal kit for precise cutting, welding, soldering & brazing applications.

PORTABLE WELDING COMBINATION KIT

Part No. CT002M

★★★★★
PREMIUM QUALITY



- Professional welding & cutting kit in a strong durable carry case.
- Ideal kit for precise cutting, welding, soldering & brazing applications.
- Single stage regulators oxygen & acetylene torch handle & mixer.
- Swaged nozzles & nozzle cleaner

Part No. CT002M-1 MINI CUTTING ATTACHMENT

Part No. CT002M-2 NOZZLE 0.8 AFN 1/32

Part No. CT002M-3 NOZZLE 1.2 AFN 3/36

Part No. CT002M-4 NOZZLE 1.6 AFN 1/10



SINGLE STAGE OXYGEN REGULATOR

Part No. CT003-PION

★★★★★
PREMIUM QUALITY



- Easy to read gauges
- Forged brass body for strength
- Extended stern with 3/8 R/H oxygen and 3/8 L/H Acetylene outlet threads.
- Gauge protectors.

SINGLE STAGE ACETYLENE REGULATOR

Part No. CT004-PION

★★★★★
PREMIUM QUALITY



- Easy to read gauges
- Forged brass body for strength
- Extended stern with 3/8 R/H oxygen and 3/8 L/H Acetylene outlet threads.
- Gauge protectors.

MULTI STAGE OXYGEN REGULATOR

Part No. CT003-MULTI

★★★★★
PREMIUM QUALITY



- Easy to read gauges
- Forged brass body for strength
- Extended stern with 3/8 R/H oxygen and 3/8 L/H Acetylene outlet threads.
- Gauge protectors.

MULTI STAGE ACETYLENE REGULATOR

Part No. CT004-MULTI

★★★★★
PREMIUM QUALITY



- Easy to read gauges
- Forged brass body for strength
- Extended stern with 3/8 R/H oxygen and 3/8 L/H Acetylene outlet threads.
- Gauge protectors.

ARGON FLOW METER

Part No. CT005-PION

★★★★★
PREMIUM QUALITY



- Easy to read gauges & flow tube with clear visibility
- Forged brass body for maximum strength
- Extended stern with 3/8 R/H thread.
- Suitable for MIG & TIG applications.

LPG REGULATOR

Part No. CT006-LPG

★★★★★
PREMIUM QUALITY



- Easy to read gauges & flow tube with clear visibility
- Forged brass body for maximum strength
- 3/8 L/H thread outlet
- Suitable for Oxy/LPG application
- Max inlet pressure: 2715 BAR

NOZZLE NUT FOR CUTTING TORCH

Part No. CT008



- Replaceable Nut for BOC type Cutting Torch

PIONEER NOZZLE CLEANER

Part No. CT006



- Assorted cleaning pins
- Cleaning File

BULL NOSE AND STEM

Part No. CT028 Stem

Part No. CT036 Acetylene Nut

Part No. CT037 Oxygen Nut



- Replaceable Stem
- Act bull nose nut
- Oxy bull nose nut

HOZE CLAMP

Part No. CT020 (11-13)

Part No. CT021 (13-15)

Part No. CT022 (15-18)



- Used to secure hose to tail pieces

Y PIECES OXYGEN & ACETYLENE

Part No. CT026 Oxygen R/H Arogn

Part No. CT040 Acetylene L/H



- Connecting two hoses to the same regulator
- For purging with Flow meter
- Independent duel control

PARALLEL HOSE CLAMP 8mm

Part No. CT038



- Used to hold oxygen and Acetylene hose side by side

HOSE CLAMP SCREW TYPE

Part No. CT019



- Used to secure hose to tail pieces

HOSE JOINER 8mm

Part No. CT038-HJ



- Used to join two pieces of 8mm hose

TAIL PIECE AND NUTS

Part No. CT009 3/8 Tail Piece

Part No. CT024 3/8 Act Nut L/H

Part No. CT025 3/8 Act Nut R/H



- 8mm Tail Pieces
- Tail Piece Oxy Nut Right Hand 3/8
- Tail Piece Act Nut Left Hand 3/8

TRIPLE FLINT LIGHTER

Part No. CT007



- Renewable Flint heads
- One hand operation

REPLACEMENT FLINTS

Part No. CT007-1



- Renewable Flint heads

ANM CUTTING NOZZLE (SHORT)

Part No.	Nozzle Size	Cutting Thickness
CN001	0.8mm (1/32")	3-6mm
CN002	1.2mm (3/64")	06-12mm
CN003	1.6mm (1/16")	12-75mm
CN004	1.9mm (5/64")	75-100mm
CN005	2.4mm (3/32")	100-150mm
CN006	3.2mm (1/8")	100-150mm

Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
1.5	0.5	75mm
2.0	0.5	75mm
2.5	1.0	75mm
3.0	1.0	75mm
1.5	0.5	75mm
1.5	0.5	75mm



- Oxy Acetylene cutting Nozzles (Short)
- Used on Pioneer universal Cutting Torch & Cutting Attachment

ANME CUTTING NOZZLE (LONG)

Part No.	Nozzle Size	Cutting Thickness
CN013	0.8mm (1/32")	3-6mm
CN014	1.2mm (3/64")	06-12mm
CN015	1.6mm (1/16")	12-75mm
CN016	1.9mm (5/64")	75-100mm
CN017	2.4mm (3/32")	100-150mm
CN018	3.2mm (1/8")	100-150mm

Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
1.5	0.5	88mm
2.0	0.5	88mm
2.5	1.0	88mm
3.0	1.0	88mm
1.5	0.5	88mm
1.5	0.5	88mm



- Oxy Acetylene cutting Nozzles (Long)
- Used on Pioneer universal Cutting Torch & Cutting Attachment

PNM CUTTING NOZZLE (SHORT)

Part No.	Nozzle Size	Cutting Thickness
CN007	0.8mm (1/32")	3-6mm
CN008	1.2mm (3/64")	06-12mm
CN009	1.6mm (1/16")	12-75mm
CN010	1.9mm (5/64")	75-100mm
CN011	2.4mm (3/32")	100-150mm
CN012	3.2mm (1/8")	100-150mm

Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
1.5	0.5	75mm
2.0	0.5	75mm
2.5	1.0	75mm
3.0	1.0	75mm
1.5	0.5	75mm
1.5	0.5	75mm



- Oxy Propane cutting Nozzles (Short)
- Used on Pioneer universal Cutting Torch & Cutting Attachment
- Two piece cutting nozzle

PNME CUTTING NOZZLE (LONG)

Part No.	Nozzle Size	Cutting Thickness
CN019	0.8mm (1/32")	3-6mm
CN020	1.2mm (3/64")	06-12mm
CN021	1.6mm (1/16")	12-75mm
CN022	1.9mm (5/64")	75-100mm
CN023	2.4mm (3/32")	100-150mm
CN024	3.2mm (1/8")	100-150mm

Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
1.5	0.5	75mm
2.0	0.5	75mm
2.5	1.0	75mm
3.0	1.0	75mm
1.5	0.5	75mm
1.5	0.5	75mm



- Oxy Propane cutting Nozzles (Long)
- Used on Pioneer universal Cutting Torch & Cutting Attachment
- Two piece cutting nozzle

6290 NX-CUTTING NOZZLE

Part No.	Nozzle Size	Cutting Thickness
CN040	6290 - NX00	5mm
CN029	6290 - 0NX	10mm
CN030	6290 - 1NX	15mm
CN031	6290 - 2NX	25mm
CN033	6290 - 3NX	75mm
CN038	6290 - 4NX	150mm
CN038-1	6290 - 5NX	200mm
CN039	6290 - 6NX	300mm

Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
1.5	0.5	57mm
2.0	1.0	57mm
2.5	1.0	57mm
3.0	1.0	57mm
4.0	1.5	57mm
6.0	1.5	57mm
7.0	1.5	7mm
8.0	1.5	57mm



- Oxy Propane cutting Nozzles
- Two piece cutting nozzle

WELDING NOZZLE

Part No.	Nozzle Size	Cutting Thickness
CN046	Nozzle #3	2.0mm
CN047	Nozzle #5	2.6mm
CN048	Nozzle #7	3.2mm

Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
1.0	0.15	130mm
1.0	0.15	130mm
1.0	0.15	130mm



- Copper machines swaged tips
- For excellent flame shape
- Sized marked on nozzle

8290 OF-STYLE CUTTING NOZZLE

Part No.	Nozzle Size	Cutting Thickness
CN041	2890-0F	0-5mm
CN042	2890-1F	5-10mm
CN043	2890-2F	10-50mm
CN044	2890-3F	50-100mm
CN045	2890-4F	100-150mm

Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
1.0	0.20	78mm
1.0-1.5	0.20	78mm
1.5-2.5	0.30	78mm
3.0-4.5	0.50	78mm
5.0-5.5	0.70	78mm



- Oxy Propane cutting Nozzles (Short)
- One piece cutting nozzle

HEATING NOZZLE

Part No. CN055 - LPG 1H

Part No. CN056 - LPG 2H

Part No. CN057 - LPG 3H

Part No. CN058 - LPG 4H

Part No. CN059 - LPG 5H



- For use with Oxy Propane
- Specially designed flame released slots
- For heating metals before welding or bending

OXYGEN ACETYLENE & LPG HOSE-8mm

Part No. CT013 Oxygen Blue

Part No. CT014 Acetylene Red

Part No. CT023 LPG Orange



- Heavy duty reinforced hose
- 100m rolls 8mm diameter

FLASHBACK ARRESTORS 3/8 TORCH & REGULATOR MOUNT

Part No. CT034 - 3/8 Oxygen Regulator

Part No. CT035 - 3/8 Acetylene Regulator

Part No. CT036 - 3/8 Oxygen Torch

Part No. CT037 - 3/8 Acetylene Torch



- Oxygen & Acetylene Flash back arrestor
- Prevention of flashback and gas reverse flow
- Available in both regulator and torch 3/8 mount fittings.

FLASHBACK ARRESTORS 9/16 TORCH & REGULATOR MOUNT

Part No. CT050 - 9/16 Oxygen Regulator

Part No. CT051 - 9/16 Acetylene Regulator

Part No. CT052 - 9/16 Oxygen Torch

Part No. CT053 - 9/16 Acetylene Torch



- Oxygen & Acetylene Flash back arrestor
- Prevention of flashback and gas reverse flow
- Available in both regulator and torch 3/8 mount fittings.

CUTTING ATTACHMENT

Part No. CT011



- Top cutting lever
- Heavy duty die-forged brass head cutting attachment
- Cuts up to 200mm
- Stainless steel tuber for strength and durability
- Uses ANM/ANME/PNM & PNME cutting nozzles

MIXER

Part No. CT012



- Medium pressure mixer
- Use swaged welding nozzles
- Connects on to shank/handle

SHANK (HANDLE)

Part No. CT010



- Brass forger and aluminium extruded handle
- Heavy duty handle for cuts up to 200mm & welds up to 9mm
- Stainless steel valves for accurate and fast adjustment
- 3/8 hose connections

HIGH CAPACITY MIXER

Part No. CT012-1



- High pressure mixer
- Use heating lance and heating nozzle

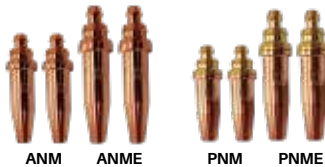
GAS CUTTING TORCHES

UNIVERSAL TORCH

Part No. CT001-PION



PREMIUM QUALITY



- Heavy duty brass forged head with stainless steel tubes for greater heat resistance.
- Cutting capacity 300mm
- Hose connection BSP 3/8 thread
- Used with ANM/PNM tips.

BOC TYPE UNIVERSAL TORCH

Part No. CT001



PREMIUM QUALITY



- Heavy duty
- Cutting capacity 300mm
- For use with Oxygen, Acetylene or Propane
- Used with ANM/PNM tips.

UNIVERSAL TORCH - 1 Mtr

Part No. CT001-1000



MODEL 62 TYPE TORCH

Part No. CT001-H



8290 OF

- Heavy duty
- Cutting capacity 300mm
- For use with Oxygen, Acetylene or Propane
- Cutting nozzles ANM/ANME/PNM and PNME
- Used with 8290 OF tips.

MODEL 28 TYPE TORCH

Part No. CT001-H28



6290 NX

- Heavy duty hand cutting torch
- For Acetylene and alternative fuels
- Cuts up to 400mm with Acetylene & 50mm with propane.
- Used with 6290 NX tips.

TORCH HANDLE NO ECONOMIZER

Part No. LP001



LPG BURNER

Part No. LP008



- 25mm
- 200kpa Operating Pressure

TORCH HANDLE ECONOMIZER

Part No. LP002



- With adjustable economizer valve & control knob.

LPG BURNER

Part No. LP009



- 29mm
- 200kpa Operating Pressure

LPG REGULATOR LOW PRESSURE

Part No. LP003



- Inlet pressure 0.7-15.6kg/cm²
- Outlet pressure 280mm H₂O
- Flow 1.0kg/hr

LPG BURNER

Part No. LP010



- 32mm
- 200kpa Operating Pressure

LPG BURNER

Part No. LP007



- 19mm
- 200kpa Operating Pressure

LPG BURNER

Part No. LP011



- 42mm
- 200kpa Operating Pressure

LPG NECK TUBE SHORT 70mm

Part No. LP004



LPG NECK TUBE LONG 180mm

Part No. LP005



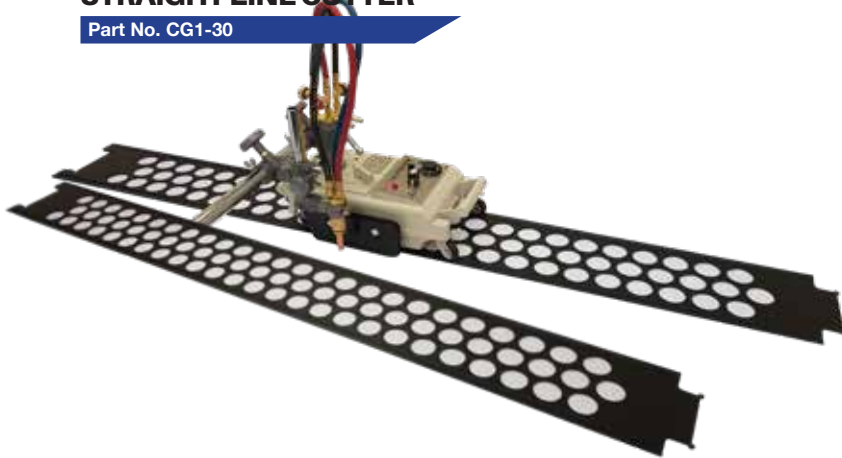
LPG NECK TUBE EXTRA LONG 750mm

Part No. LP006



STRAIGHT LINE CUTTER

Part No. CG1-30



- Portable Oxy - Fuel cutting machine
- Used with Oxy/Acetylene or Oxy/Propane gas
- Cutting range 6mm-90mm
- Variable speed motor control
- Cutting speed 150-800mm/min
- Unit weight 9.8kg
- Supplied with 2x1.8m tracks
- Additional inter locking tracks available
- Lightweight aluminium

GAS CYLINDER TROLLEYS

Part No. TROLLEY01-SINGLE

Part No. TROLLEY02- DOUBLE

Part No. TROLLEY03- LPG19KG

Part No. TROLLEY04-LPG48KG





PLASMA

WELDING & ACCESSORIES



PREMIUM QUALITY



PLASMA TORCHES CONSUMABLES, TIPS & ELECTRODES

PT31 PLASMA TORCH

Part No. PS20



Part No. PS21-PT31 Tip Long
 Part No. PS22-PT31 Electrode Long
 Part No. PS01-PT31 Tip Short
 Part No. PS03-PT31 Electrode Short
 Part No. PS04-PT31 Gas Diffuser
 Part No. PS05-PT31 Shield Cup

- Pioneer Plasma PT31
- Torch Length: 5m
- Air Pressure: 4.5-5.5 BAR
- Duty Cycle 60% @ 40amps

AG-60 PLASMA TORCH

Part No. PS23



Part No. PS06-AG-60 Electrode
 Part No. PS07-AG-60 Nozzle (Tip)
 Part No. PS08-AG-60 Shield Cup

- Pioneer Plasma AG-60
- Torch Length: 5m
- Air Pressure: 4.5-5.5 BAR
- Duty Cycle 60% @ 70amps

P-80 PLASMA TORCH

Part No. PS10



Part No. PS11-P80 Electrode
 Part No. PS12-P80 Nozzle (Tip)
 Part No. PS13-P80 Shield Cup

- Pioneer Plasma P80 air cooled Plasma torch
- Torch Length: 5m
- High Frequency
- Duty Cycle 60% @ 100amps

CB50 PLASMA TORCH

Part No. CB50



Part No. C1304-CB50 Tip
 Part No. C1521-CB50 Electrode
 Part No. C1510-CB50 Swirl Ring
 Part No. C5710-CB50 Nozzle Retaining Cup

- Pioneer Plasma CB50
- Torch Length: 5m
- Air Pressure: 4.5-5.5 BAR
- Duty Cycle 60% @ 50amps

PLASMA TORCHES CONSUMABLES, TIPS & ELECTRODES

A81 PLASMA TORCH

Part No. PA1402



Part No. PC0115 - Outside Nozzle
Part No. PR0109 - Electrode HF
Part No. PR0115 - Long Electrode HF
Part No. PD0105-10 - 1.0mm Tip 1.0
Part No. PD0105-12 - 1.2mm Tip 1.2
Part No. PD0106-12 - Long Tip 1.2
Part No. PE0107 - Diffuser Swirl Ring
Part No. CV0028 - Stand Off Guide



- Pioneer Plasma A81 air cooled Plasma torch
- Torch Length: 5m
- High Frequency
- Duty Cycle 60% @ 80amps
- With central adaptor

A101 PLASMA TORCH

Part No. PA1452



Part No. PC0111 - Heavy Duty Nozzle
Part No. PD0101-11 - Tip 1.1mm
Part No. PD0101-14 - Tip 1.4mm
Part No. PD0101-17 - Tip 1.7mm
Part No. PD0101-19 - Tip 1.9mm
Part No. PE0101 - Swirl Ring
Part No. PE0103 - Swirl Ring Extended
Part No. PD011-12 - Tip 1.2mm Ext.
Part No. PR0101 - Electrode
Part No. PR0116 - Long Electrode
Part No. CV0011 - Stand Off Guide
Part No. PC0102 - Heavy Duty Nozzle



- Pioneer Plasma A101 air cooled plasma torch
- Torch Length: 6m
- With central adaptor
- Duty Cycle 60% @ 100amps

A141 PLASMA TORCH

Part No. PA1504



Part No. PC0111 - Heavy Duty Nozzle
Part No. PD0101-11 - Tip 1.1mm
Part No. PD0101-14 - Tip 1.4mm
Part No. PD0101-17 - Tip 1.7mm
Part No. PD0101-19 - Tip 1.9mm
Part No. PE0101 - Swirl Ring
Part No. PE0103 - Swirl Ring Extended
Part No. PD011-12 - Tip 1.2mm Ext.
Part No. PR0101 - Electrode
Part No. PR0116 - Long Electrode
Part No. CV0011 - Stand Off Guid
Part No. PC0102 - Heavy Duty Nozzle



- Pioneer Plasma A141 air cooled plasma torch
- Torch Length: 6m
- With central adaptor
- Duty Cycle 60% @ 60amps



WELDING CONSUMABLES

& FILLER MATERIALS



PREMIUM QUALITY





ELECTRODE SELECTION CHART

Pioneer Product	Product	Application
E6013	General Purpose	Mild Steel/carbon
E7018	Hydrogen Control	Structural applications, x-ray welding and pressure vessels
E7024	High Deposit	High speed and high deposit
GOUGE	Gouge/Metal Removal	Gutting, gouging & grooving steel
HARD FACING	Hardfacing	Building up a surface for protection
ALU ARC	Aluminium Alloys	Engine housings, impellers sump pans etc.
CAST IRON 55&99	Cast Iron	Cast iron components & cast iron to steel
316L 308L 309L	Stainless	Heat exchange, tanks chemical storage food industry
312	Problem Steel	100-150mm

Plate Thickness	Electrode diameter	Amperage
0-1.5mm	2.0mm	40-60amps
1.5-2.0mm	2.5mm	60-95amps
2.0-5.0mm	3.2mm	80-120amps
5.0-8.0mm	4.0mm	100-150amps
8.0mm-up	5.0mm	140-200amps

Electrode **E 7 0 1 8**
 Min. Tensile (in ksi) _____
 Position _____
 Type of Coating and Current _____

AWS A5.1 CARBON STEEL ELECTRODES FOR SMAW

Digit	Type of Coating	Current
0	High Cellulose Sodium	DC+
1	High Cellulose Potassium	AC, DC+
2	High Titania Sodium	AC, DC-
3	High Titania Potassium	AC, DC±
4	Iron Powder, Titania	AC, DC±
5	Low Hydrogen Sodium	DC+
6	Low Hydrogen Potassium	AC, DC+
7	High Iron Oxide, Iron Powder	AC, DC±
8	Low Hydrogen Potassium, Iron Powder	AC, DC±



MILD STEEL ELECTRODE E6013

E6013

Part No.	Diameter	Welding Current	Packaging
E6013-P2.5-1kg	E6013 Mild Steel 2.5mm	60-95amps	1kg
E6013-P3.2-1kg	E6013 Mild Steel 3.2mm	80-120amps	1kg
E6013-2	E6013 Mild Steel 2.0mm	40-70amps	5kg
E6013-P2.5-5kg	E6013 Mild Steel 2.5mm	60-95amps	5kg
E6013-P3.2-5kg	E6013 Mild Steel 3.2mm	80-120amps	5kg
E6013-P4.0-5kg	E6013 Mild Steel 4.0mm	100-150amps	5kg
E6013-P5.0-5kg	E6013 Mild Steel 5.0mm	140-200amps	5kg

- Pioneer E6013 is a high quality general purpose rutile electrode.
- All position electrode including vertical down.
- Smooth weld with low spatter and easy re-strike self-lifting slag.
- Application includes general fabrication of round bar, tubes, plates, pipe and for maintenance and repair on carbon steel
- **Classification: AWS A5.1: E6013**



LOW HYDROGEN ELECTRODE E7018-1

E7018-1

Part No.	Diameter	Welding Current	Packaging
E7018-2.5	E7018-1 Low Hydrogen x 2.5mm	60-110amps	5kg
E7018-3.2	E7018-1 Low Hydrogen x 3.2mm	100-145amps	5kg
E7018-4.0	E7018-1 Low Hydrogen x 4.0mm	145-190amps	5kg
E7018-5.0	E7018-1 Low Hydrogen x 5.0mm	190-250amps	5kg

- Pioneer E7018 is a basic coated hydrogen controlled electrode.
- Designed to weld on DC and AC in all positions except vertically down.
- Excellent weld bead appearance, low spatter and easy restrike.
- Welds C-Mn & low alloy steels.
- Applications: Ship building, boilers, tanks & high sulphur steel.
- **Classification: AWS A5.1: E7018-1**



IRON POWDER ELECTRODE E7024

E7024

Part No.	Diameter	Welding Current	Packaging
E7024-3.2	E7024 Iron Powder 3.2mm	120-160amps	5kg
E7024-4.0	E7024 Iron Powder 4.0mm	150-255amps	5kg
E7024-5.0	E7024 Iron Powder 5.0mm	190-320amps	5kg

- Pioneer Iron Powder is a heavy coated rutile high efficiency electrode giving a weld metal recovery of 150%.
- Good slag removal and weldability.
- It can weld a wide range of structural & mild steel such as tanks, girders, beams & general fabrication.
- **Classification: AWS A5.1: E7024**



HARD FACING 55RC ELECTRODE (IMPACT)

HF55

Part No.	Diameter	Welding Current	Packaging
HAR55-3.2	55RC Hard Facing 3.2mm	110-130amps	4kg
HAR55-4.0	55RC Hard Facing 4.0mm	140-160amps	4kg
HAR55-5.0	55RC Hard Facing 5.0mm	170-190amps	4kg

- Pioneer Hard Facing 55RC is a basic coated electrode, easy to weld, strike & excellent restriking.
- Weld bead is smooth and easy slag removal. Weld deposit can withstand impact at medium loads under abrasive conditions.
- Its application includes build up teeth, screw conveyors impeller press, mold, hammer, excavator teeth bucket lips & general earth moving equipment.
- **Classification: DIN 8555 E - UM60**



HARD FACING 60RC ELECTRODE (ABRASION)

HF60

Part No.	Diameter	Welding Current	Packaging
HAR60-3.2	60RC Hard Facing 3.2mm	110-130amps	4kg
HAR60-4.0	60RC Hard Facing 4.0mm	140-160amps	4kg
HAR60-5.0	60RC Hard Facing 5.0mm	170-190amps	4kg

- Pioneer Hard Facing 60RC is a basic coated electrode, easy to weld, strike and excellent restriking.
- Weld deposit can withstand severe abrasion & moderate impact.
- Application includes build up teeth, screw conveyors impeller press, mold, hammer, excavator teeth bucket lips & general earth moving equipment.
- **Classification: DIN 8555 E - UM - 60 - GR**



GOUGING ELECTRODE

GOUGING

Part No.	Diameter	Welding Current	Packaging
WR053	Gouging 3.2mm	220-300amps	3kg
WR054	Gouging 4.0mm	270-360amps	3kg

- Pioneer Gouge electrode is a carbon cellulose extruded electrode designed for gouging, grooving, piercing & cutting of a wide range of materials such as steel, stainless steel, aluminium, aluminium alloys, brass, cast iron etc.
- Application includes dies, pipes, castings, armor plating and rework of plates. When gouging defected area or cracks, hold the electrode at an angle of 10-20° to the work piece & use a saw action gouging forward.
- **Classification: DIN 8555 E - UM60**



ALUMINIUM ARC ELECTRODE

Si 12

Part No.	Diameter	Welding Current	Packaging
WR050	ALSI ALU ARC 2.5mm 2kg	40-60amps	2kg
WR051	ALSI ALU ARC 3.2mm 2kg	80-110amps	2kg
WR052	ALSI ALU ARC 4.0mm 2kg	110-150amps	2kg

- Pioneer aluminium ARC electrode is used for repairs of aluminium castings, trailers, tanks & pipes etc.
- **Classification: AWS 5, 10 E 4043**



CAST IRON 55 - ELECTRODE**Ni55**

Part No.	Diameter	Welding Current	Packaging
WR016	ENiFe - CI Cast Iron 2.5mm	40-90amps	1kg
WR017	ENiFe - CI Cast Iron 3.2mm	80-100amps	1kg
WR018	ENiFe - CI Cast Iron 4.0mm	110-150amps	1kg

- Pioneer Cast Iron 55 Electrode is a graphite coated nickel/iron cored electrode.
- Joining of cast iron repairing of all cast iron such as grey, malleable modular & phosphorous cast iron welding of highly restrained or thick-walled pieces.
- **Classification:** AWS SFA5, 15 E NiFe - CI

**CAST IRON 99 - ELECTRODE****Ni99**

Part No.	Diameter	Welding Current	Packaging
WR013	ENiFe - CI Cast Iron 2.5mm	40-90amps	1kg
WR014	ENiFe - CI Cast Iron 3.2mm	80-100amps	1kg
WR015	ENiFe - CI Cast Iron 4.0mm	110-150amps	1kg

- Pioneer Cast Iron 99 electrode is a graphite coated electrode with nickel core wire.
- Producing a machinable weld on cast iron without any pre-heating. Producing a soft stable arc with minimal penetration & spatter excellent, maintenance & repair electrode.
- It can weld a wide range of cast iron components such as engine blocks, cylinder heads, housings, gear boxes, pumps etc.
- **Classification:** AWS SFA 5, 15 E Ni - CI

**308L-16 STAINLESS STEEL ELECTRODES****308L-16**

Part No.	Diameter	Welding Current	Packaging
RH308L-2.5	E308L Stainless Steel 2.5mm	40-70amps	5kg
RH308L-3.2	E308L Stainless Steel 3.2mm	75-110amps	5kg
RH308L-4.0	E308L Stainless Steel 4.0mm	110-150amps	5kg

- Pioneer 308L-16 is a rutile coated electrode with an austenetic core - wire-alloy low carbon content.
- Weldable in all positions except vertically down. After cleaning the weld leaves fine ripple seam surface without under cuttings.
- Application is suitable for welding Cr Ni steels of the same nature, further application welding materials 304L, 302 & 304.
- **Classification:** AWS 5,4 E308L - 16

**309L-16 STAINLESS STEEL ELECTRODES****309L-16**

Part No.	Diameter	Welding Current	Packaging
HR309L-2.5	E309L Stainless Steel 2.5mm	60-80amps	
HR309L-3.2	E309L Stainless Steel 3.2mm	90-110amps	
HR309L-4.0	E309L Stainless Steel 4.0mm	110-150amps	

- Pioneer 309L-16 is a rutile type stainless steel electrode with good weld ability.
- Low carbon content, smooth running, easy slag removal, low spatter welds in all position except for vertically down.
- Application suitable for welding dissimilar steel, carbon manganese steels, low alloy steels, mild steel & 19% chromium 9% nickel steel.
- Can be used for buffer layer before hard facing.
- **Classification:** AWS 5,4 E309L - 16



310L-16 STAINLESS STEEL ELECTRODES

310L-16

Part No.	Diameter	Welding Current	Packaging
RH310-2.5	E310 Stainless Steel 2.5mm	70-95amps	5kg
RH310-3.2	E310 Stainless Steel 3.2mm	100-120amps	5kg
RH310-4.0	E310 Stainless Steel 4.0mm	125-140amps	5kg

- Pioneer 310-16 is a rutile type coated electrode welds metal of austenitic structure, with its 25% chromium 20% nickel weld deposit makes it suitable for temperatures up to 12000°, also good against corrosion.
- Application suitable for welding type 309, 310 stainless steel & ferritic stainless steel where the chrome content is higher than 15%.
- Application includes: repair & welding of cryogenic high temperature components such as steam boilers & fabrication industries.
- **Classification:** AWS SFA 5,4 E310 - 16



312-16 STAINLESS STEEL ELECTRODES

312L-16

Part No.	Diameter	Welding Current	Packaging
RH312-2.5	E312 Stainless Steel 2.5mm	40-80amps	5kg
RH312-3.2	E312 Stainless Steel 3.2mm	74-110amps	5kg
RH312-4.0	E312 Stainless Steel 4.0mm	110-150amps	5kg

- Pioneer 312-16 is a rutile coated electrode to weld stainless steel to probe steel, mild steel to low alloyed steel, high alloyed steel to manganese steel & welded metal with high chrome content.
- It is machinable and scale resistant up to 1000°.
- Smooth stable arc and smooth finely rippled seam and easy slag removal.
- Application suitable for buffer layer before hard facing of teeth crusher jaws, crusher cones, knives and dies.
- **Classification:** AWS 5,4 E312 - 16



316L-16 STAINLESS STEEL ELECTRODES

316L-16

Part No.	Diameter	Welding Current	Packaging
HR316L-2.5	E316L Stainless Steel 2.5mm	55-75amps	5kg
HR316L-3.2	E316L Stainless Steel 3.2mm	80-110amps	5kg
HR316L-4.0	E316L Stainless Steel 4.0mm	110-140amps	5kg

- Pioneer 316-16 is a low carbon rutile type stainless steel electrode.
- With a smooth arc transfer, low spatter, fine ripple seams surface and easy slag removal.
- Application suitable for welding general purpose materials such as 316L, 316, 361Ti, 316Cb, 3CR12, 317L, 317 as well as other 300 series 301, 302, 303, 304 & 304L, the molybdenum contents make it resistant to pitting and corrosion.
- **Classification:** AWS SFA5,4 E316L - 16



GOUGING CARBON NON-JOINTED & JOINTED

Part No.	Diameter	Packaging
MTP053-1	Non-joint Gouging Carbon 5.0mmx305mm	100pc/box
MTP053	Non-joint Gouging Carbon 6.5mmx305mm	50pc/box
MTP054	Non-joint Gouging Carbon 8.0mmx305mm	50pc/box
MTP055	Non-joint Gouging Carbon 9.5mmx305mm	50pc/box
MTP055-1	Jointed Gouging Carbon 9.5mmx355mm	50pc/box
MTP055-2	Jointed Gouging Carbon 13.0mmx355mm	50pc/box

- Pioneer Gouging carbon is a carbon rod with copper coating to carry conductivity.
- Application is to gouge and groove wide range of materials, steel, stainless steel, copper, aluminium, brass, cast iron and bronze.



MILD STEEL MIG WELDING WIRE ER70S

Part No.	Diameter	Packaging
WW008-5	MIG Wire ER70S -6 0.8mm	5kg
WW007	MIG Wire ER70S -6 0.8mm	15kg
WW008	MIG Wire ER70S -6 0.9mm	15kg
WW009	MIG Wire ER70S -6 1.0mm	15kg
WW0010	MIG Wire ER70S -6 1.2mm	15kg
WW0010-1	MIG Wire ER70S -6 1.6mm	15kg



DRUM PACK MILD STEEL MIG WELDING WIRE ER70S

Part No.	Diameter	Packaging
WW008-250	MIG Wire Drum Pack ER70S -6 1.0mm	250kg
WW009-250	MIG Wire Drum Pack ER70S -6 1.2mm	250kg



HIGH TENSILE MIG WELDING WIRE ER100S-G

Part No.	Diameter	Packaging
WW011	MIG Wire ER100S-G 1.2mm	15kg
WW082	MIG Wire ER100S-G 1.6mm	15kg



SILICONE & ALUMINIUM BRONZE FLUX CORED WIRE

Part No.	Diameter	Packaging
WW066	Silicone Bronze MIG Wire (ERCuSi-A) 0.8mm	5kg
WW100	Aluminium Bronze (ERCuAL-A2) MIG 1.0mm	12.5kg
WW101	Aluminium Bronze (ERCuAL-A2) MIG 1.2mm	12.5kg
WW102	Aluminium Bronze (ERCuAL-A2) MIG 2.4mm	5kg
WW103	Aluminium Bronze (ERCuAL-A2) MIG 3.2mm	5kg
WW050	E71T_1 Mild Steel Flux Cored MIG Wire 1.2mm	15kg
WW050-1.6	E71T_1 Mild Steel Flux Cored MIG Wire 1.6mm	15kg



STAINLESS STEEL MIG WELDING WIRE

Part No.	Diameter	Packaging
WW021-5	MIG Wire SS ER308LSi 1.0mm	5kg
WW022-5	MIG Wire SS ER308LSi 1.2mm	5kg
WW027-1	MIG Wire SS ER316LSi 0.8mm	5kg
WW029-5	MIG Wire SS ER316LSi 1.0mm	5kg
WW030-5	MIG Wire SS ER316LSi 1.6mm	5kg



STAINLESS STEEL MIG WELDING WIRE

Part No.	Diameter	Packaging
WW019	MIG Wire SS ER308LSi 0.8mm	15kg
WW020	MIG Wire SS ER308LSi 0.9mm	15kg
WW021	MIG Wire SS ER308LSi 1.0mm	15kg
WW022	MIG Wire SS ER308LSi 1.2mm	15kg

WW060	MIG Wire SS ER309LSi 0.8mm	15kg
WW061	MIG Wire SS ER309LSi 0.9mm	15kg
WW062	MIG Wire SS ER309LSi 1.0mm	15kg
WW063	MIG Wire SS ER309LSi 1.2mm	15kg

WW027	MIG Wire SS ER316LSi 0.8mm	15kg
WW028	MIG Wire SS ER316LSi 0.9mm	15kg
WW029	MIG Wire SS ER316LSi 1.0mm	15kg
WW030	MIG Wire SS ER316LSi 1.2mm	15kg



ALUMINIUM MIG WELDING WIRE

Part No.	Diameter	Packaging
WW035	MIG Wire ER4043 (5% Si) 1.0mm	7kg
WW036	MIG Wire ER4043 (5% Si) 1.2mm	7kg
WW035-1.6	MIG Wire ER4043 (5% Si) 1.6mm	7kg

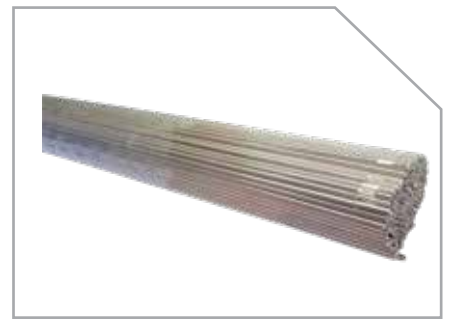
WW038	MIG Wire ER5356 (5% Mg) 1.0mm	7kg
WW039	MIG Wire ER5356 (5% Mg) 1.2mm	7kg
WW038-1.6	MIG Wire ER5356 (5% Mg) 1.6mm	7kg

WW081-1.0	MIG Wire ER4047 (5% Mg) 1.0mm	7kg
WW081	MIG Wire ER4047 (5% Mg) 1.2mm	7kg
WW081-1.6	MIG Wire ER4047 (5% Mg) 1.6mm	7kg



ALUMINIUM TIG FILLER WIRE

Part No.	Diameter	Packaging
WW044	AL TIG Wire ER4043 (5% Si) 1.6mm	5kg
WW037	AL TIG Wire ER4043 (5% Si) 2.4mm	5kg
WW042	AL TIG Wire ER4043 (5% Si) 3.2mm	5kg
WW045-1.6	AL TIG Wire ER4047 (11-13% Si) 1.6mm	5kg
WW045-2.4	AL TIG Wire ER4047 (11-13% Si) 2.4mm	5kg
WW045-3.2	AL TIG Wire ER4047 (11-13% Si) 3.2mm	5kg
WW040	AL TIG Wire ER5356 (5% Si) 1.6mm	5kg
WW041	AL TIG Wire ER5356 (5% Si) 2.4mm	5kg
WW043	AL TIG Wire ER5356 (5% Si) 3.2mm	5kg



ER70S-6 MILD STEEL TIG FILLER WIRE

Part No.	Diameter	Packaging
ER07S-6-1.6	ER70S-G Mild Steel TIG Wire 1.6mm	5kg
ER07S-6-2.0	ER70S-G Mild Steel TIG Wire 2.0mm	5kg
ER07S-6-2.4	ER70S-G Mild Steel TIG Wire 2.4mm	5kg
ER07S-6-3.0	ER70S-G Mild Steel TIG Wire 3.2mm	5kg



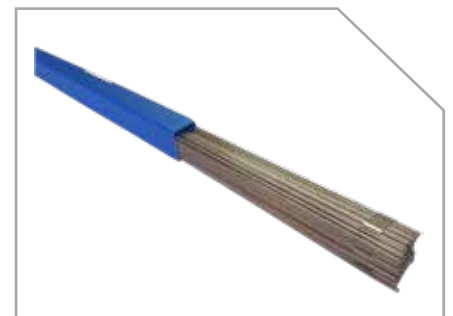
CCR (R45)-MILD STEEL GAS ROD

Part No.	Diameter	Packaging
WW015	CCR16-CCR (R45) 1.6mm	4kg
WW016	CCR16-CCR (R45) 2.4mm	4kg
WW017	CCR16-CCR (R45) 3.2mm	4kg



STAINLESS STEEL TIG FILLER WIRE

Part No.	Diameter	Packaging
WW031	ER308L Stainless Steel TIG Wire 1.6mm	5kg
WW032	ER308L Stainless Steel TIG Wire 2.4mm	5kg
WW032-3.2	ER308L Stainless Steel TIG Wire 3.2mm	5kg
WW065	ER309L Stainless Steel TIG Wire 1.6mm	5kg
WW064	ER309L Stainless Steel TIG Wire 2.4mm	5kg
WW033	ER309L Stainless Steel TIG Wire 3.2mm	5kg
WW033	ER316L Stainless Steel TIG Wire 1.6mm	5kg
WW034	ER316L Stainless Steel TIG Wire 2.4mm	5kg
WW034-3.2	ER316L Stainless Steel TIG Wire 3.2mm	5kg

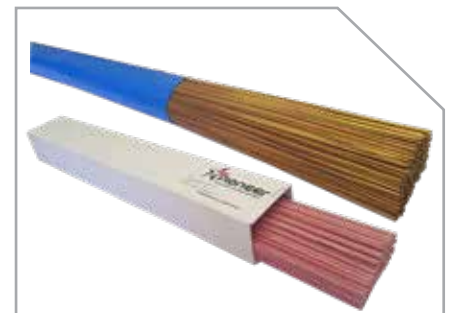


BRONZE BRAZING RODS

Part No.	Diameter	Packaging
WW001	Bronze Brazing Rods (S222) Bare 1.6mm	10kg
WW002	Bronze Brazing Rods (S222) Bare 2.0mm	10kg
WW003	Bronze Brazing Rods (S222) Bare 3.0mm	10kg

FLUX COATED BRONZE BRAZING RODS

Part No.	Diameter	Packaging
WW046	Flux Coated Brazing Rods BBR LFB 2.0mm	2.5kg
WW047	Flux Coated Brazing Rods BBR LFB 3.0mm	2.5kg



BARE SILVER SOLDER

Part No.	Diameter	Packaging
WW070	Bare Silver Solder 20% 1.5mm	1kg
WW071	Bare Silver Solder 30% 1.5mm	1kg



FLUX COATED SILVER SOLDER

Part No.	Diameter	Packaging
WW072	Flux Coated Silver Solder 20% (White) 1.5mm	1kg
WW073	Bare Silver Solder 30% (Blue) 1.5mm	1kg
WW074	Bare Silver Solder 30% (Yellow) 1.5mm	1kg



COPPERTO COPPER ROD

Part No.	Diameter	Packaging
WW075	Coppertec 0% 2.0mm	1kg
WW076	Coppertec 0% 3.0mm	1kg



BRAZING FLUX

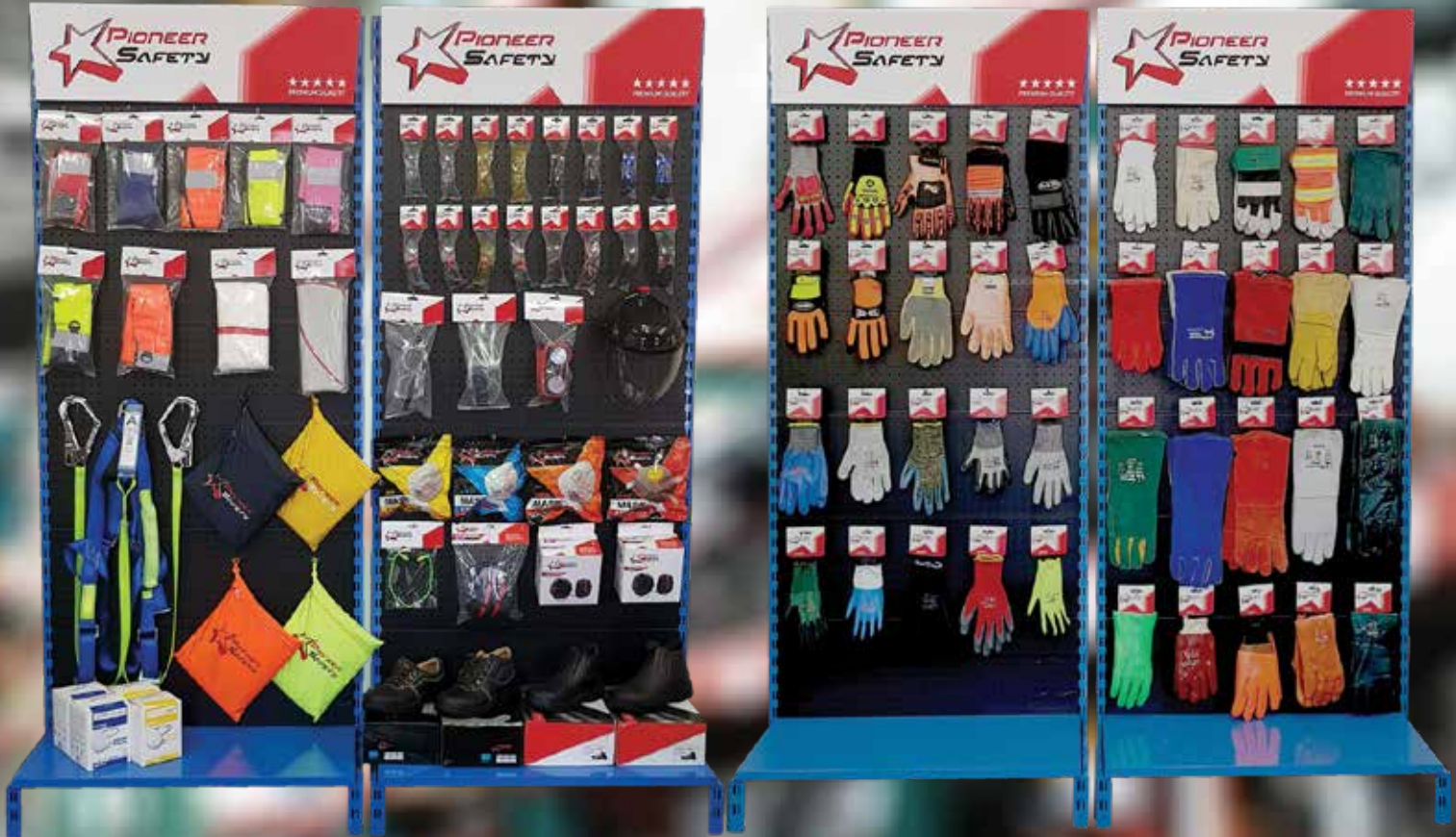
Part No.	Diameter	Packaging
WW077	Aluminium Brazing Flux	250g
WW080	Bronze Brazing Flux	500g
CT031	Silver Solder Flux	250g





- | | |
|-----------------------|-------------------------|
| • PRE-PACK ELECTRODES | • PRE-PACK ARC RANGE |
| • PRE-PACK GAS RANGE | • PRE-PACK MIG RANGE |
| • PRE-PACK TIG RANGE | • PRE-PACK PLASMA RANGE |

PIONEER RETAIL SOLUTION



- | | |
|-------------------|------------------|
| • HAND PROTECTION | • WORKWEAR |
| • HARNESES | • EYE PROTECTION |
| • EAR PROTECTION | • FOOTWEAR |
| • RESPIRATORY | |

PIONEER RETAIL SOLUTION

