

Product Brochure For W1124E

TIG-MMA-Plasma Multi-Function Inverter Welder - ATP160

TIG, 15 - 160A, MMA, 15 - 140A, Plasma 10 - 30A



Weldtech
MULTI-FUNCTION INVERTER WELDER



ORDER CODE:	W1124E
Type:	TIG/ MMA (ARC) / PLASMA
MODEL:	ATP160
Part Number:	~
Voltage / Amperage (V / amp):	240 / 10
Recommended Plug (amp):	10
Input Frequency (Hz) (Hz):	~
Input Current (amp):	~
I _{max} (A) (amp):	~
I _{eff} Current (amp):	~
Power Rating (kVA):	~
Rated Output Current (amp / V):	~
Range of Output Current (amp):	15 - 160 - TIG & 30 - 140 - MMA & 10 - 30 - Plasma
Arc Force (amp):	~
No Load Voltage (V):	~
Pre-Flow (S) (sec):	~
Clean Width (%) (%):	~
Slope-Down Time (S) (sec):	~
Post-Flow Time (sec):	~
Base Current (%):	~
Pulse Frequency (Hz):	~
Pulse Duty Cycle (%):	~
TIG Welding Thickness Range (mm):	~
MMA Welding Thickness Range (mm):	~
MMA Electrode Range (mm):	~
Duty Cycle 40 Deg C - TIG (% @ amp):	50 @ 160, 100 @ 112
Duty Cycle 40 Deg C - MMA (% @ amp):	25 @ 140
Duty Cycle 40 Deg C - Plasma (% @ amp):	40 @ 30, 100 @ 20
Plasma Severance Cut Capacity Carbon Steel (mm):	8
Plasma Production Cut Capacity Carbon Steel (mm):	~
Plasma Production Cut Capacity Aluminium (mm):	~
Dinse Connector:	~
Protection Class:	~
Insulation Class:	~
Standard:	~
Remote Control (Yes / ~):	~
Recommended Generator (kVA):	~
Efficiency (%):	~
Power Factor:	~
Dimensions (mm):	220 x 465 x 330
Nett Weight (kg):	18

Description

160A - INVERTER ARC-TIG -PLASMA CUTTER

The new Weldtech ATP160 Multi-process 3in1 ARC-TIG -PLASMA cutting machine utilises the latest digital control technology to output an amazing 30 amps Plasma Cutting, 160 amps TIG and 140 amps Stick Arc power, all from a 10A single phase plug. Designed for portable repair work and small workshop use, the ATP160 is ideal for a welding enthusiast or hobbyist requiring a compact machine for basic repairs and general light welding requirements.

The ATP160 Plasma Plasma Cutter is ideal for cutting steel up to 6mm thick, with a severance cut of 8mm. With the 160A TIG , you can weld Steel, Chrome Moly, Stainless, Titanium, or any other metal that can be welded with DC output, up to 3mm thickness.

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The 15-160 A DC Stick/Arc output, with easy Arc start function precision welding Arc control, and super smooth inverter stabilised welding characteristics, is capable of welding like a pro with arc electrodes up to 3.2mm / 12mm steel thickness.

Features

- ATP160 is the perfect choice for projects and repairs around the home, small workshop and auto repair tasks
- Combination 3-in-1 multifunction Plasma Cutter/TIG Torch/Stick Arc professional welding machine
- Advanced IGBT technology, synergic controlled, very easy, precise and simple operation
- Featured wave-form control system: perfect wave form of volts and amps during short circuits and Arc burning cycles
- Automatic input voltage fluctuation controller, over-voltage protection, under voltage protection, over current protection, over load protection
- Automatic temperature control, fan on demand function
- Generators protected and optimised
- The ATP160 utilises cutting edge digital technology to deliver a flawless weld, making spatter and post-weld clean-up almost non-existent

Includes

- 4m plasma cutter torch assembly
- 4m (WP-26) tIG torch gun Assembly
- 3m 400A electrode holder with cable
- 3m 400A earth clamp with cable
- 2m argon gas hose
- 2 x pieces tig set 1.6mm
- 2 x pieces tig set 2.4mm
- 2 x pieces plasma electrode
- 2 x pieces plasma nozzle
- 2 x pieces plasma shield cap
- Owner's manual

Recommended Accessories

W241

Universal Welder Trolley



W2415

TRI-CART Multi-Machine
Welding Trolley



W1105Q

Plasma Cutter Starter Pack



W10361

Magnetic TIG Torch Rest



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O352

Gas Refillable Cylinder



O354

Gas Refillable Cylinder



O360

Gas Refillable Cylinder



O362

Gas Refillable Cylinder



O366

Gas Refillable Cylinder



O368

Gas Refillable Cylinder



W1140D

Argon Gas Regulator-Twin
Gauge



W1142U

1.6mm Tig Tungsten Electrode -
Thoriated Red



W1142X

1.6mm Tig Tungsten Electrode -
Zirconiated White



W1142V

2.4mm Tig Tungsten Electrode -
Thoriated Red



W1142Y

2.4mm Tig Tungsten Electrode -
Zirconiated White



W1142W

3.2mm Tig Tungsten Electrode -
Thoriated Red



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W1142Z

3.2mm Tig Tungsten Electrode - Zirconiated White



W001

Auto Darken Welding Helmet - 9~13 Shade



W002

Auto Darken Welding Helmet - 9~13 Shade



W1090

Auto Darken Welding Helmet - 9 ~ 13 Shade



W1091

Magnetic Swivel V-Pad Clamps



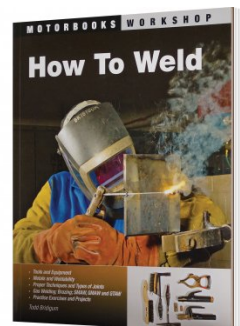
W1092

Auto Darken Welding Helmet with PAPR Respiratory System - (2.5) 8 ~ 12 Shade



L3456

How to Weld Book



W1142

Ø1.6mm TIG Filler Rod - Mild Steel



W1142A

Ø2.4mm TIG Filler Rod - Mild Steel



W1142B

Ø3.2mm TIG Filler Rod - Mild Steel



W1142C

Ø1.6mm TIG Filler Rod - Aluminium



W1142D

Ø2.4mm TIG Filler Rod - Aluminium



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W1142E

Ø3.2mm TIG Filler Rod -
Aluminium



W1142F

Ø1.6mm TIG Filler Rod -
Stainless Steel



W1142G

Ø2.4mm TIG Filler Rod -
Stainless Steel



W1142H

Ø3.2mm TIG Filler Rod -
Stainless Steel

