

WIA

MIG / STICK / TIG WELDER

1
Phase

WELDMATIC® 180

P/N: CP141-1

MIG, Stick, TIG Welder.
Easy to Use.
Easy to Move.



3 YEAR
WARRANTY

Refer to warranty statement for full details

WELDING.COM.AU

WELDMATIC® 180

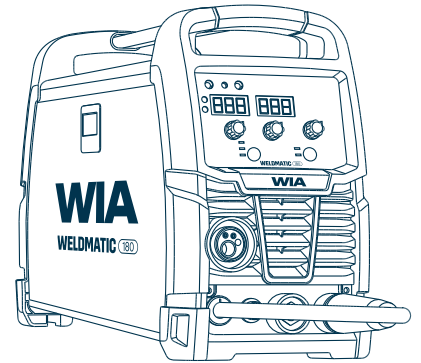


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MIG, Stick, TIG Welder. Easy to Use. Easy to Move.

The Weldmatic 180 is a perfect solution for trade welding or welding hobbyists after one welder that can MIG, Stick and TIG weld with ease. For workshop jobs to outdoor repairs, the Weldmatic 180 is lightweight making it easy to pick up and transport.

Equipped with the latest technology, the 180 offers digital meters making adjusting parameters easier, plus it's IP23S rated, providing extra protection in harsh environments. Built with quality components and manufactured with 3 years warranty, compared to others in its class you'll get more than just a quality welder at a great price.



SUITABLE APPLICATIONS

- Light Fabrication
- Repair and Maintenance
- Automotive
- Farming

WELDABLE MATERIALS

- Steel
- Aluminium
- Stainless Steel
- Building and Construction

PACKAGE INCLUDES

- Euro Gun Cable (3m)
- Work Lead (3m)
- Gas Regulator
- ES6 Steel Sample Wire (0.8mm)
- Drive Rollers 0.6/0.8mm V Groove; 0.9/1.2mm Knurled (Gasless)
- Tips (0.6/0.8/0.9mm)
- Industrial Twist Lock Electrode Holder (3m)
- Austfil T-11 Gasless Sample Wire (0.9mm)

SPECIFICATIONS

Primary Voltage	Rated Primary Current	Max Primary Current	Recommended Generator Power	Supply Plug
240 VAC-50/60Hz	10 Amps	31 Amps	10 kVa Peak*	10 Amp

IP Rating	Weight	Warranty	Standards Compliance
IP23S	11kg	3 Years	AS60974.1 & AS1674.2 (VRD)

MIG SPECIFICATION

Output Range	Rated Output @ 40°C (10min)	Wire Size Range	Material Thickness Range
30A/15.5V-180A/23V	180A/23V @ 10% 73A/17.6V @ 60% 57A/16.9V @ 100%	0.6/0.8/0.9mm	Welds up to 6mm steel plate, single pass

STICK SPECIFICATION

Current Range	Rated Output @ 40°C (10min)	Electrode Size Range	Material Thickness Range
20A/20.8V-150A/26V	150A/26V @ 10% 61A/22.4V @ 60% 47A/21.9V @ 100%	-	-

TIG SPECIFICATION

Current Range	Rated Output @ 40°C (10min)	Material Thickness Range
15A/10.6V-180A/17.2V	180A/17.2V @ 10% 73A/12.9V @ 60% 57A/12.3V @ 100%	-

FEATURES

- 180 A single phase MIG, Stick & TIG welder
- 180 A at 23 V 10% Duty Cycle
- Portable - Only 11kg
- Integrated wire feeder - Makes it compact and lightweight
- Digital Meters - Easy to read and easy to adjust parameters
- Built-In Thermal Protection - Prevents the machine from operating beyond its safe thermal zone
- Arc Force - Provides a more stable arc and prevents electrode sticking
- Hot Start - For better, easier arc starting
- Burn Back - Controls how far the wire burns back to the tip on completion of the welding operation
- Suitable wires - Gas-shielded and gasless flux-cored wires
- Spool capacity - Takes 1kg and 5kg spools
- VRD (Voltage Reduction Device)
- IP23S rated - Provides extra protection in harsh environments
- Generator Compatible - 10 kVa Peak*

BEST USED WITH

Product	Part Number
TIG Torch	TIG001
Austfil T-11 Self-Shielded Flux-Cored Wire	AUST11085KG (0.8mm - 5kg Spool) AUST11095KG (0.9mm - 5kg Spool) AUST11125kg (1.2mm - 5kg Spool)
Austmig ES6 Mild Steel Wire	ES606M5KG (0.6mm - 5kg Spool) ES608M5KG (0.8mm - 5kg Spool) ES609M5KG (0.9mm - 5kg Spool)
Austmig 5356 Aluminium Wire	M5356092KG (0.9mm - 2kg Spool) M5356102KG (1.0mm - 2kg Spool) M5356122KG (1.2mm - 2kg Spool)
Austfil Excel Gas Shielded Flux Cored Wire	AE71CM12 (1.2mm - 15kg Spool) AE71CM16 (1.6mm - 15kg Spool)
Austarc 16TC Low Hydrogen Electrode	16TC25 (2.5mm) 16TC32 (3.2mm) 16TC40 (4.0mm)
WIA OpticFX Helmet	SH300001 (Nero) SH300002 (Blue Knight)

*Due to variation between generators by different manufacturers, it is impossible for WIA to validate operation from all generators.