

WIA

MIG / STICK / TIG WELDER

1
Phase

WELDMATIC® (250)

P/N: CP143-1

MIG, Stick or TIG Weld with Ease with One Single Machine.



3 YEAR
WARRANTY
Refer to warranty statement for full details

*Plug supplied for commissioning only.
For full rated output, a 20 A plug
and supply is required with a 25 A
circuit breaker.

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Portable but big on power, the Weldmatic 250 is capable of MIG, TIG and Stick welding and features an up-to-date and easy to use digital LCD interface for quick setup through pre-set parameters and memory selections. For workshop or on-site, the 250 takes 5kg and 15kg spools making it perfect for larger welding jobs.

Built with quality components and manufactured with 3 years warranty, the Weldmatic 250 offers reliability and performance, making it the perfect powerful yet portable choice for regular welders.



SUITABLE APPLICATIONS

- Light to Medium Fabrication
- Repair and Maintenance
- Automotive
- Farming
- Building and Construction

WELDABLE MATERIALS

- Steel
- Stainless Steel
- Aluminium

PACKAGE INCLUDES

- Euro Gun Cable (3.6m)
- Work Lead (3m)
- Industrial Twist Lock Electrode Holder (3m)
- Gas Regulator
- Drive Rollers 0.9/1.2mm V Groove; 0.9/1.2mm Knurled (Gasless)
- Tips (0.6/0.8/0.9/1.2mm)

SPECIFICATIONS

Primary Voltage	Rated Primary Current	Max Primary Current	Recommended Generator Power	Supply Plug
240 VAC-50/60Hz	19.2 Amps	43 Amps	14 kVa Peak*	15 Amp
IP Rating	Weight	Warranty	Standards Compliance	
IP21S	37kg	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-250A/26.5V	250A/26.5V @ 20% 144A/21.2V @ 60% 112A/19.6V @ 100%	0.6/0.8/0.9/ 1.2mm	Welds up to 10mm steel plate, single pass

STICK SPECIFICATION

Current Range	Rated Output @ 40°C (10min)	Electrode Size Range	Material Thickness Range
20A/20.8V-200A/28V	200A/28V @ 20% 115A/24.6V @ 60% 90A/23.6V @ 100%	-	-

TIG SPECIFICATION

Current Range	Rated Output @ 40°C (10min)	Material Thickness Range
10A/10.4V-250A/20V	250A/20V @ 20% 114A/15.8V @ 60% 112A/14.5V @ 100%	-

FEATURES

- 250 A single phase MIG, Stick & TIG welder
- 250 A at 26.5 V 20% Duty Cycle
- Portable – 37kg. Comes with 2 handles for a two person lift
- Integrated wire feeder – Makes it compact and lightweight
- LCD interface – Simple to navigate it offers quick and easy setup through pre-set parameters and memory selection
- 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 5kg and 15kg spools
- IP21S rating
- Generator compatible – 14 kVa Peak*

BEST USED WITH

Product	Part Number
Weldmatic Workshop	AM365
TIG Torch	TIG002
Austfil T-11 Self-Shielded Flux-Cored Wire	AUST11085KG (0.8mm – 5kg Spool) AUST11095KG (0.9mm – 5 kg 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.