

WIA

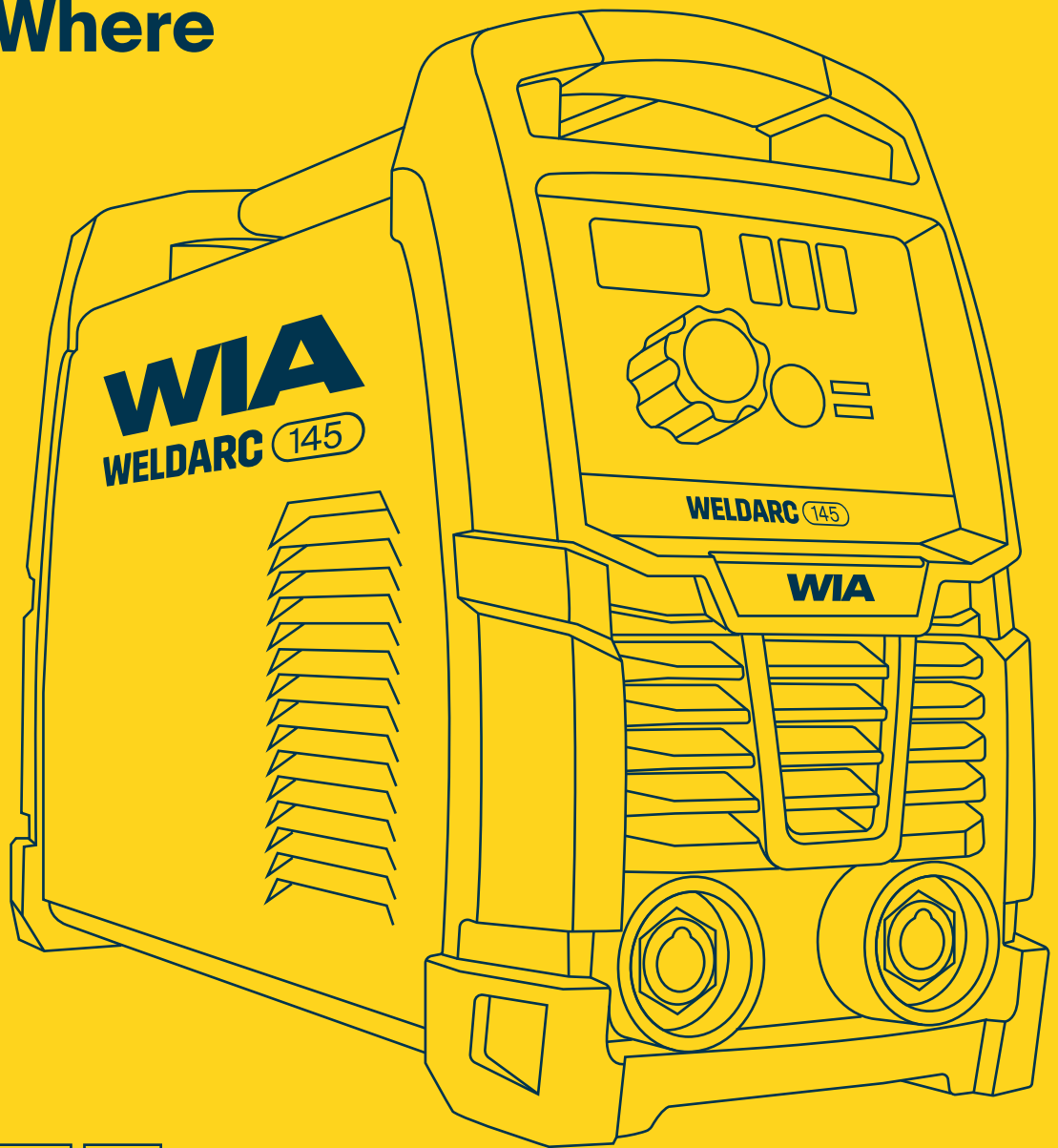
STICK / TIG WELDER

1
Phase

WELDARC® 145

P/N: MC111-0

**Lightweight
and Portable.
It Goes Where
You Go.**



**3 YEAR
WARRANTY**
Refer to warranty statement for full details

WELDING.COM.AU

WELDARC® 145



P/N: MC111-0

Lightweight and Portable. It Goes Where You Go.

If you're just starting out or have some welding experience, the Weldarc 145 is the ideal DC Stick/TIG welder for you. Best for general maintenance and repair work, this little unit is robust, yet lightweight and portable making it easy to pick up and pack up.

With up-to-date date technology, the 145 offers more than its competition, including power factor correction for maximum efficiency and an IP23S rating, providing extra protection for harsh environments. Built with quality components and manufactured to deliver, you'll get more than you pay for with the 145.



SUITABLE APPLICATIONS

Light Fabrication

Repair and Maintenance

Building & Construction

Farming

WELDABLE MATERIALS

Steel

Stainless Steel

Cast Iron

PACKAGE INCLUDES

Heavy Duty Work Clamp (3m)

Industrial Twist Lock Electrode Holder (4m)

Padded Shoulder Strap

Carry Case

SPECIFICATIONS

Primary Voltage	Rated Primary Current	Max Primary Current	Recommended Generator Power	Supply Plug
240 VAC-50/60Hz	8.5 Amps	19 Amps	4.6 kVa Peak*	10 Amp
IP Rating	Weight	Warranty	Standards Compliance	
IP23S	7kg	3 Years	AS60974.1 & AS1674.2 (VRD)	

STICK SPECIFICATION

Output Range	Rated Output @ 40°C (10min)	Electrode Size Range	Material Thickness Range
25A/21V-145A/25.8V	145A/25.8V @ 20% 74A/22.9V @ 60% 56A/22.2V @ 100%	2.0 - 3.2mm	Welds up to 8mm steel plate, single pass

TIG SPECIFICATION

Output Range	Rated Output @ 40°C (10min)	Material Thickness Range
25A/11V-145A/15.8V	145A/15.8V @ 20% 74A/12.9V @ 60% 56A/12.2V @ 100%	-

FEATURES

- 145 A single phase Stick/TIG Welder
- 145 A at 25.8 V 20% Duty Cycle
- Portable – Only 7kg
- DC Lift Arc TIG Start – For smoother starting without sticking to the workpiece.
- Digital Meters – Easy to read and easy to adjust parameters
- Power Factor Correction – Smooths out the actual input current. Maximises efficiency when welding on long leads or from generators
- Built-In Thermal Protection – Prevents the machine from operating beyond its safe thermal zone
- Fan-on-Demand™ Cooling Fan – Reduces noise, energy use and contaminates
- Arc Force – Provides a more stable arc and prevents electrode sticking
- Hot Start – For better, easier arc starting
- VRD (Voltage Reduction Device)
- IP23S rated – Provides extra protection in harsh environments
- Generator compatible – 4.6 kVa Peak*

BEST USED WITH

Product	Part Number
TIG Torch	TIG001
Austarc 16TC Low Hydrogen Electrode	16TC25 (2.5mm) 16TC32 (3.2mm) 16TC40 (4.0mm)
Austarc 12P General Purpose Electrode	12P25 (2.5mm) 12P32 (3.2mm) 12P40 (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.