

# WIA

## STICK / TIG WELDER

1  
Phase

# WELDARC® 185

P/N: MC112-0

**For the Workshop  
or On-Site.  
It Goes Where  
You Go.**



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

[WELDING.COM.AU](http://WELDING.COM.AU)

## WELDARC® 185



P/N: MC112-0

## For the Workshop or On-Site. It Goes Where You Go.

The Weldarc 185 is the perfect Stick/TIG welder for any intermediate welder. Coming in at 8kg this unit is lightweight yet robust and can easily be transported from the workshop to on-site.

Equipped with the latest technology, the 185 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 manufactured with 3 years warranty, compared to others in its class you'll get more with the Weldarc 185.



### SUITABLE APPLICATIONS

Light Fabrication

Repair and Maintenance

Building &amp; 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	12.5 Amps	25 Amps	6 kVa Peak*	15 Amp

IP Rating	Weight	Warranty	Standards Compliance
IP23S	8kg	3 Years	AS60974.1 & AS1674.2 (VRD)

#### STICK SPECIFICATION

Output Range	Rated Output @ 40°C (10min)	Electrode Size Range	Material Thickness Range
25A/21V-185A/27.4V	185A/27.4V @ 25% 119A/24.8V @ 60% 92A/23.7V @ 100%	2.0 - 4.0mm	Welds up to 10mm steel plate, single pass

#### TIG SPECIFICATION

Output Range	Rated Output @ 40°C (10min)	Material Thickness Range
25A/11v-185A/17.4V	185A/17.4V @ 25% 119A/14.8V @ 60% 92A/13.7V @ 100%	-

### FEATURES

- 185 A single phase Stick/TIG welder
- 185 A at 27.4 V 25% Duty Cycle
- Portable - Only 8kg
- 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 - 6 kVa Peak\*

### BEST USED WITH

Product	Part Number
TIG Torch	TIG002
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.