

# WeldSkill 180

# CIGWELD

AN ESAB BRAND



“ Affordable, compact and light-weight. This unit is a great addition to the shed or maintenance workshop. ”



- The WeldSkill 180 is a single phase welding inverter with a user-friendly control panel, push button operation for mode selection, clearly visible LED indicators & sturdy large control knob.
- Affordable, compact and light-weight, this unit is a great addition to the shed ensuring the ultimate portability for the Tradesman or Maintenance Worker.
- In addition to its appealing design & functional features, WeldSkill 180 provides the added reassurance of a high quality welding inverter that complies to International standards.
- Simply plug it into any standard 15 Amp power point & get the welding right away!

## FEATURES

- 240 Volt, 15 Amp Supply Lead & Plug Fitted to Power Source.
- Arc Force.** Assists when stick welding in a tight corner or joint fit-up.
- Max. Electrode Size 4.0mm.** Suitable for All Electrode Types Except AWS E6010 Cellulose.
- Over Temperature Cut Out Protection** has been fitted to Power Source.
- Anti Stick.** Helps to prevent the stick electrode from sticking to the work piece.
- Hot Start.** Improves the arc start characteristics of stick electrodes.
- 180A DC.** Current Range for this Power Source is 10A to 180A of DC Welding Output.
- Twistlock Electrode Holder.** Allows the electrode to be locked securely in place.
- DC Lift TIG function.** Provides smooth starting and running characteristics across a broad range of applications.
- Portable** fitted with carry handle and carry strap.
- 1 Year Warranty\* on Power Source**  
\*Refer to Operation Manual for full details.

Scope Of Supply: Power Source, 4m Long Electrode Holder & Work Lead.

## SPECIFICATIONS

DESCRIPTION	WELDSKILL 180
Part No	W1008183
Power Source Dimensions	H220mm x W130mm x D340mm
Power Source Mass	5.8 KG
Cooling	Fan Cooled
Welder Type	Stick and Lift TIG Multi Process Inverter Power Source
Australian Standard	AS 60974.1-2006 / IEC 60974-1
Number of Phases	Single Phase
Nominal Supply Voltage	240V AC $\pm$ 10%
Nominal Supply Frequency	50/60 Hz
Welding Current Range	10 - 180 A
Nominal DC Open Circuit Voltage	78 V
Factory Fitted Supply Plug Rating	15 Amps
Effective Input Current (I <sub>1eff</sub> )	15 Amps
Maximum Input Current (I <sub>1max</sub> )	33.8 Amps
Minimum Single Phase Generator Recommendation	7.6 kW (9.5 kVA @ 0.8 PF)
STICK (MMAW) Welding Output, 40°C, 10 min.	180 Amps @ 20% Duty Cycle
TIG (GTAW) Welding Output, 40°C, 10 min.	180 Amps @ 40% Duty Cycle
Protection Class	IP21S