

CIGWELD

AN **ESAB** BRAND

WeldSkill 185LCD

INCLUDES
TIG TORCH



MIG

STICK

TIG

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OUTPUT CURRENT
185A
DC


PLUG & PLAY

240V 10A

MULTI PROCESS
3 IN 1
MIG STICK TIG
ACCESSORIES

LCD SCREEN
2.8"
COLOUR

SPOT WELD

MIG

DOWNSLOPE

TIG

INT. WIRE FEEDER

SPOOLS UP TO 200mm

SAFETY DEVICE
VRD

WARRANTY*
2
YEARS

WELDSKILL 185LCD

The WeldSkill 185LCD is a complete 3in1 offer that includes all the accessories required to get you MIG, STICK and TIG welding immediately (3m MIG Torch, 4m TIG Torch & 3m Electrode Holder).

Like its predecessor the WeldSkill 185LCD offers the many benefits of a professional welding machine in a compact, portable, easy to use and affordable self-contained single phase welding inverter – but now with the added feature of a digital 2.8" LCD Digital Display improving navigation of all functions via the full colour screen.

Ideal for welders who want to do light fabrication, maintenance and repairs around their workshop without compromising on quality or safety. And for more intricate welding jobs, especially Aluminium, you can't go past the WeldSkill 185LCD which is specifically built to run the SGT250 spool gun!

The WeldSkill 185LCD is equipped with an integrated wire feed unit, Voltage Reduction Device (VRD applicable in stick mode only), quick connect gas connection and a host of other advanced features such as Adjustable Burnback, Arc Control, Spot Welding (MIG), Downslope (TIG) etc.

The WeldSkill 185LCD is also backed by a 2 year warranty* and fitted with a 10 Amp plug, meaning you can plug it into any standard 10amp power point and get welding!

And most importantly this multi-process welding inverter is fully compliant to AS 60974.1-2020 and IEC 60974-1.

COMPLETE 3-IN-1 PACKAGE

This complete 3in1 package includes: CIGWELD E-180 Mig Torch 3m with Euro Connection, CIGWELD Tig Torch 17V 4m (remote control) and CIGWELD Electrode Holder 3m.



LCD DISPLAY

Easy navigation to select MIG/TIG/Stick welding.

SPECIFICATIONS

Plant Part No.	W1008193
Power Source Dimensions	371mm x 205mm x 478mm
Power Source Weight	13.9kg
Cooling	Fan Cooled
Welder Type	MIG, STICK, LIFT TIG Inverter Power Source
Standards	AS 60974.1-2020 / IEC 60974-1
Number of Phases	Single Phase
Nominal Supply Voltage	240V AC +/- 15%
Nominal Supply Frequency	50/60Hz
Nominal DC Open Circuit Voltage (MIG Weld Mode)	69V (Trigger Switch Depressed when not welding)
Factory Fitted Supply Plug Rating	10 Amps
Open Circuit Voltage (VRD On) Stick Weld Mode	<35V
Effective Input Current (I _{1eff})	10 Amps
Maximum Input Current (I _{1max})	33Amps
Minimum Single Phase Generator (Recommended)	10kVA at 0.8 PF
Protection Class	IP21S
MIG (GMAW) Welding Output, 40°C, 10 min.	185 A @ 10%, 23.3 V
STICK (MMAW) Welding Output, 40°C, 10 min.	160 A @ 10%, 26.4 V
TIG (GTAW) Welding Output, 40°C, 10 min.	160 A @ 20%, 16.4 V
Warranty	2 Year Limited Warranty*



CLEAR LCD SCREENS.

The 2.8" LCD Colour screen whether in MIG/Stick or TIG mode makes it easy to adjust features like Spot Welding (MIG Mode) or Downslope (TIG Mode).

“ The LCD Display makes it super simple to navigate through the welding modes and advanced features ”



Home Process Selection Screen



MIG Welding Screen



STICK Welding Screen



TIG Welding Screen



MIG Control Screen



SPOT Welding Screen
(MIG Only)



DOWNSLOPE Adjustment Screen
(TIG Only)

FEATURES



PLUG & PLAY
Suitable for use with any standard 10 Amp power point! 240 Volt, 50/60Hz, 10 Amp Supply Lead Fitted to Power Source



Complete 3 IN 1 Multi-Process
A complete multi-process machine including all accessories required to MIG, STICK and TIG Weld. (MIG Torch, TIG Torch & Electrode Holder)



Current Range
Current Range for this Power Source is 30 to 185A (MIG Mode) provides DC Output



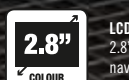
MIG (GMAW / FCAW): 185A @ 10%
0.6-0.9mm: Solid MIG Wires & 0.8-0.9mm Gasless MIG Wires
0.9-1.0mm: Aluminium MIG Wires
0.8-0.9mm: Stainless Steel MIG Wires



STICK (MMAW): 160A @ 10%
Power Source is suitable for 2.0mm, 2.5mm, 3.2mm and 4.0mm electrode sizes



TIG (GTAW): 160A @ 20%
This unit features a DC Lift TIG function that provides smooth starting and running characteristics across a broad range of applications



LCD Screen Display
2.8" Full colour LCD Display with easy navigation of all functions on screen.



Adjustable Burnback Control
Used to adjust the amount of MIG wire that protrudes from the MIG torch after the completion of MIG welding. (commonly referred to as stick out)



Arc Control (Inductance)
The arc control operates in MIG (GMAW/FCAW) mode only and is used to adjust the intensity of the welding arc



Spot Weld (MIG Mode)
Spot Welding allows the user to pre-set the duration time of their welds up to 10 seconds (MIG mode only)



Downslope (TIG Mode)
Down Slope allows the user to pre-set the time for the weld current to ramp down (TIG mode only)



Integrated Wire Feed Unit
Spools up to 5kg or 200mm



Hot Start
Improves the arc start characteristics of stick electrodes



Anti-Stick
Helps to prevent the stick electrode from sticking to the work piece



Voltage Reduction Device
Standards Compliant Voltage Reduction Device (Stick Mode Only)



Euro Torch Connection



SGT250 Spool Gun Compatible
Ideal for Aluminium Fabrication, Repairs and Auto/Marine work. Compatible with Tweco SGT250 Spool Gun



Over Temperature Protection
Cut out protection has been fitted to the power source



Recommended Generator
10kVA (at 0.8 Power Factor)*
*Refer to operating manual for further information



Compliance
Fully compliant to AS 60974.1-2020
Enclosure rated to IP21S



Warranty
2 Year Warranty* on Power Source
*Refer to Operation Manual for full details



Wire Type
Suitable for Gas and Gasless Wires

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WeldSkill 185LCD

PACKAGE CONTENTS

WeldSkill 185LCD Inverter Plant W1008193
WeldSkill 185LCD Power Source
MIG Torch with Euro Connection, 3m
TIG Torch 17V 4m Lead
Twistlock Electrode Holder with 3m Lead
CutSkill Argon Regulator/Flowmeter
Work Clamp with 3m Lead
Shielding Gas Hose Assembly, 3m
Feed Rolls: 0.8/0.9mm Flux Cored (Fitted), 0.8/0.9mm V Groove
Contact Tip: 0.8mm (Fitted)

Operating Manual can be downloaded at cigweld.com.au/manuals

OPTIONAL ACCESSORIES

E-180 MIG Torch (included with package)	W4018800
TIG Torch 17V with 4m lead, gas valve & remote control	W4013800
TIG Torch 17V, 4m lead and Gas valve	W4013801
TIG Torch Accessory Kit for 17, 18 & 26 TIG Torches	BGSAK2
Tweco SGT250 Spool Gun	W4011250
WeldSkill Argon Regulator / Flowmeter, 55LPM, 2 Gauge	210254
MIG Pliers	WSPLIER
WeldSkill Welding Equipment Trolley	W4011501



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In the interest of continuous improvements, CIGWELD Pty Ltd ABN 56 007 226 815 (An ESAB Brand) reserves the right to change specifications or design on any of its products without prior notice.

WE RECOMMEND GENUINE CIGWELD

BIGGEST RANGE, BEST QUALITY & GUARANTEED PERFORMANCE

