

WeldSkill 205 AC/DC

The CIGWELD WeldSkill 205 AC DC TIG Welder has taken the same great features and robust power from its predecessor and compacted it down into a smaller, lighter and more portable TIG Inverter that weighs a slight 12kg.

The 205 AC DC TIG Welder is a 15 Amp 240 volt, digitally controlled, High Frequency AC/DC TIG (GTAW) and Stick (MMAW) inverter. This unit is specifically designed for the budget conscious user who doesn't want to sacrifice on quality or weld results. With its compact casing and IP23S rating the 205 AC/DC is ideal for indoor or outdoor use around the workshop and is easy to carry and manoeuvre into hard to reach places when doing light fabrication and maintenance of mild steels, stainless steels and aluminium.



PRONTO No. ..84807

Part No: W1008205
WELDSKILL 205 AC/DC Inverter

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YEAR*

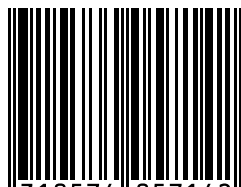
UP TO 10mm
PLATE THICKNESS

240V 15A

STICK

TIG

DETAILS



9 310574 057142

Power Source Weight	12kg
Plant (Package) Weight	22.5kg
Power Source Dimensions	H 324mm W 176mm D 430mm

PACKAGE CONTENTS

WeldSkill 205 AC/DC Welder Plant

- WeldSkill 205acdc power source,
- TIG torch c/w on/off remote control,
- Gas hose kit,
- Tig torch accessories kit,
- lead set 400A 5m,
- regulator/Flowmeter

SPECIFICATIONS

Power Source Weight	12kg
Plant (Package) Weight	22.5kg
Power Source Dimensions	H 324mm x W 176mm x D 430mm
Cooling	Fan Cooled
Welder Type	Inverter Power Source
Standards	AS 60974.1-2006 / IEC 60974-1
Number of Phases	1
Nominal Supply Voltage	240V +/- 15%
Nominal Supply Frequency	50/60Hz
Welding Current Range (STICK Mode)	10 – 160A
Welding Current Range (TIG Mode)	10 - 205A
Effective Input Current (I _{1eff})	15A
Factory Fitted Supply Plug Rating	15A

Maximum Input Current (I _{1max})	34A
Single Phase Generator Requirement	10kVA (at 0.8 power factor) 8kW (at 1.0 power factor)
Output Terminal Type	Dinse™ Style 50
HF TIG Welding Output, 40°C, 10 min.	205A @ 20%, 18.2V 120A @ 60%, 14.8V 95A @ 100%, 13.8V
Open Circuit Voltage	63V
Stick Welding Output, 40°C, 10 min.	160A @ 20%, 26.4V 90A @ 60%, 23.6V 70A @ 100%, 22.8V
Open Circuit Voltage (VRD On)	<35V
Open Circuit Voltage (VRD Off)	63V
Protection Class	IP23S

*Refer to operating manual for further details.

STICK LEADS & ACCESSORIES

STICK

OPTIONS - MANUAL ARC ACCESSORIES

1	..72564	WS42550	250A Lead Set 4M - 50mm Plug
2	..42165	646215	Chipping Hammer Spring Handle
3	..18966	646142	Twist Lock Electrode Holder 400A
4	..42542	CEH250TL	250Amp Twistlock Electrode Holder
5	..42543	CEH400TL	Twist Lock Electrode Holder 400A
6	..18992	646348	Work Clamp 200A - Heavy Duty
7	..71577	CWC200	Work Clamp 200A - Heavy Duty
8	..70596	W4011501	Equipment Trolley

OPTIONS - ELECTRODES MANUAL ARC

1	..18955	611182	Satincraft 13 2.5mm 5kg/pk
2	..18956	611183	Satincraft 13 3.25mm 5kg/pk
3	..36199	611232	Ferrocrafter 12XP 2.5mm 5kg/pk
4	..36200	611233	Ferrocrafter 12XP 3.25mm 5kg/pk
5	..76053	WEG2525	WeldSkill GP 2.5mm 2.5kg/pk
6	..76055	WEG2532	WeldSkill GP 3.2mm 2.5kg/pk
7	..145677	53162534G1	ESAB OK 53.16 Spezial 2.5mm 1.8kg PK
8	..106210	53163234G0	ESAB OK 53.16 Spezial 3.2mm 1.6kg PK
9	..106211	53164044G0	ESAB OK 53.16 Spezial 4.0mm 2.2kg PK
10	..42154	611662	Satincrome 316 2.5mm 2.5kg/pk
11	..42155	611663	Satincrome 316 3.25mm 2.5kg/pk
12	..76007	WES316225	WeldSkill 316L SS 2.5mm 2.5kg/pk
13	..76065	WES316232	WeldSkill 316L SS 3.2mm 2.5kg/pk

MILD STEEL

STAINLESS STEEL

ALUMINIUM

TIG TORCH & SPARES & ACCESSORIES

TIG

OPTIONS - TIG ACCESSORIES

1	..150239	W4014605	Tig Torch 8M
2	..94008	W4015800	Foot Control c/w 7.6m lead & 8Pin plug
3	..59004	210254	Weldskill Argon Regulator
4	..45386	BGSAK2	Tig Torch Accessory Kit
5	..139550	W7004913	Gas Hose
6	..108215	646363	Wire Brush 4 row straight steel bristles
7	..42206	321918	Chromebright Pickling Paste, 2.5kg Bottle=1ea

OPTIONS - TIG TORCH CONSUMABLES

1	..43848	BG10N23/R	Collet 1.6mm
2	..43849	BG10N24/R	Collet 2.4mm
3	..43854	BG10N31/R	Collet Body 1.6mm
4	..43855	BG10N32/R	Collet Body 2.4mm
5	..150236	BG10N49/R	Nozzle Alumina 8mm
6	..43860	BG10N48/R	Nozzle Alumina 10mm
7	..43861	BG10N47/R	Nozzle Alumina 11mm
8	..43862	BG10N46/R	Nozzle Alumina 12.5mm
9	..43844	BG57Y02/R	Back Cap Long
10	..43845	BG57Y04/R	Back Cap Short

11	..152143	699864	Zirconiated Tungsten (White) 1.6mm 2pcs/Pk
12	..152144	699865	Zirconiated Tungsten (White) 2.4mm 2pcs/Pk
13	..152145	699866	Zirconiated Tungsten (White) 1.6mm 10pcs/Pk
14	..152146	699867	Zirconiated Tungsten (White) 2.4mm 10pcs/Pk
15	..152147	699868	Zirconiated Tungsten (White) 3.2mm 10pcs/Pk
16	..152138	699859	3T Rare Earth Tungsten (Purple) 1.6mm 2pcs/Pk
17	..152139	699860	3T Rare Earth Tungsten (Purple) 2.4mm 2pcs/Pk
18	..152140	699861	3T Rare Earth Tungsten (Purple) 1.6mm 10pcs/Pk
19	..152141	699862	3T Rare Earth Tungsten (Purple) 2.4mm 10pcs/Pk
20	..152142	699863	3T Rare Earth Tungsten (Purple) 3.2mm 10pcs/Pk

OPTIONS - TIG FILLER RODS

1	..150237	321411	Comweld LW1 1.6mm, 5kg/Pk
2	..55523	321412	Comweld LW1 2.4mm, 5kg/Pk
3	..55533	321641	Comweld AL5356 1.6mm, 2.5kg/Pk
4	..55534	321642	Comweld AL5356 2.4mm, 2.5kg/Pk
5	..46717	321400	Comweld 316L 1.6mm, 5kg/Pk
6	..46718	321401	Comweld 316L 2.4mm, 5kg/Pk

MILD STEEL

STAINLESS STEEL

ALUMINIUM

SAFETY EQUIPMENT

OPTIONS - SAFETY EQUIPMENT

1	..92439	454352	ProPlus Auto Dark Welding Helmet - Shade 9-13
2	..96866	454333	ProLite Auto Dark Welding Helmet - Claw Shade 9-13
3	..96066	454341	Prolite Striker Helmet
4	..63799	454305	Weldskill Auto Dark Welding Helmet - Blue Shade 9-13
5	..36205	453833	Hiderok Welding Helmet Lift Front
6	..93228	646755	Heavy Duty Weldskill Gloves - Large

7	..114801	646754	WeldSkill Leather Tig Welding Gloves - Large
8	..145672	646771	JACKET WELDING Blue / Black - Medium
9	..145673	646772	JACKET WELDING Blue / Black - Large
10	..145674	646773	JACKET WELDING Blue / Black - X Large
11	..145675	646774	JACKET WELDING Blue / Black - XX Large
12	..55422	455200	Ear Muff Silencer Light Duty 27dB AS1270
13	..150190	455317	Earplugs Uncorded Sparkplugs 1PK = 200 Pair AS1270