

Product Brochure For W174

AC/DC Inverter TIG/MMA (ARC) Welder - AC/DC 200

#KUMJR200AC/DC

10-200 Amps Welding Current Range



ORDER CODE:	W174
Type:	AC/DC Inverter Welder
MODEL:	UNITIG 200 AC/DC
Part Number:	#KUMJR200AC/DC
Voltage / Amperage (V / amp):	240 / 15
Recommended Plug (amp):	15
Input Frequency (Hz) (Hz):	50
Input Current (amp):	24 - MMA / 20.7 - TIG
I _{max} (A) (amp):	~
I _{eff} Current (amp):	17 - MMA / 14.6 - TIG
Power Rating (kVA):	5.8
Rated Output Current (amp / V):	~
Range of Output Current (amp):	10 - 200 -TIG & 20 - 170 - MMA
Arc Force (amp):	0 - 100
No Load Voltage (V):	56
Pre-Flow (S) (sec):	0 - 2
Clean Width (%) (%):	20 - 80
Slope-Down Time (S) (sec):	0 - 10
Post-Flow Time (sec):	10 - 90
Base Current (%):	10 - 90%
Pulse Frequency (Hz):	0.5 - 300
Pulse Duty Cycle (%):	10 - 90
TIG Welding Thickness Range (mm):	~
MMA Welding Thickness Range (mm):	~
MMA Electrode Range (mm):	~
Duty Cycle 40 Deg C - TIG (% @ amp):	20 @ 185 / 100 @ 90
Duty Cycle 40 Deg C - MMA (% @ amp):	20 @ 170 / 100 @ 80
Duty Cycle 40 Deg C - Plasma (% @ amp):	~
Plasma Severance Cut Capacity Carbon Steel (mm):	~
Plasma Production Cut Capacity Carbon Steel (mm):	~
Plasma Production Cut Capacity Aluminium (mm):	~
Dinse Connector:	~
Protection Class:	IP21S
Insulation Class:	F
Standard:	~
Remote Control (Yes / ~):	~
Recommended Generator (kVA):	13
Efficiency (%):	85
Power Factor:	0.93
Dimensions (mm):	510 x 330 x 360
Nett Weight (kg):	30

Description

The Uni-Tig 200AC/DC is a 240V square wave AC/DC TIG inverter welder incorporating full TIG functionality including AC balance control, pre gas, down slope, post gas, variable pulse parameters, HF start with 2/4T trigger control.

The HF arc start provides easy arc ignition leaving no tungsten inclusion and no contamination of the tungsten electrode.

The Down Slope and Post Gas combined with the 2/4T trigger function gives you control of the welder allowing you to control the start and finish of the weld process at a professional level. The addition of a fully adjustable pulse function of frequency, base current and pulse width gives you the added capability to better control heat input into the work, control penetration & control distortion.

AC balance control lets you set the AC TIG arc for cleaning of the oxide layer on aluminium and adjustment for a deeper penetrating weld. Combining the functions of the Uni-Tig 200P AC/DC ensures comprehensive control of the welding parameters when welding both AC and DC

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weldable materials giving you the ability to produce professional Tig welds.

The DC MMA welding capability delivers a smooth and stable arc allowing easy welding with electrodes obtaining high quality welds including cast Iron, stainless and low hydrogen. Addition of the optional Foot Control provides variable amperage adjustment.

The Uni-Tig 200P AC/DC has set the benchmark for 240V single phase AC/DC welders and made it ideal for multiple applications; aluminium & stainless steel fabrication, light industrial use, repair and maintenance applications.

Robust & reliable, built to our specification and manufactured in compliance to AS/NZ60974.1

Features

- Adjustable amperage control on torch
- Adjustable Down slope
- 2T / 4T Trigger function
- Adjustable pulse control
- HF Start AC/DC TIG function
- Digital amperage display
- Adjustable Pre Gas - Post gas
- Adjustable AC balance control
- Electrode Hot start
- Adjustable Arc force
- Rugged metal case construction

Includes

- 200 AC/DC Machine
- SR26-4M TIG Torch
- Argon Regulator
- Arc & Earth Lead

Optional Accessories

- Foot Control (W174A)
- Stand (W174B)

Recommended Accessories

W10361

Magnetic TIG Torch Rest



W174A

Suits UNITIG AC/DC 200-315
Tig Welder



W171

Air Cooled TIG Welding Torch



W119

Anti-Spatter Spray



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O0184

Ar/O₂ - Argon 98% & Oxygen
 2% Disposable Cylinder



O0185

CO₂/Ar - 86% Argon & 14%
 Carbon Dioxide Disposable
 Cylinder



O300

Gas Refillable Cylinder



O304

Gas Refillable Cylinder



O3045

Gas Refillable Cylinder



O302

Gas Refillable Cylinder



O306

Gas Refillable Cylinder



O3065

Gas Refillable Cylinder



O0171

Argon Gas Regulator



W161

Argon Gas Regulator-Bobbin
 Flowmeter



W160A

Argon Gas Regulator-Twin
 Gauge



W590

1.6mm Tig Tungsten Electrode -
 Zirconiated White



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W596

2.4mm Tig Tungsten Electrode -
Zirconiated White



W597

1.6mm Tig Tungsten Electrode -
Ceriated Grey



W598

2.4mm Tig Tungsten Electrode -
Ceriated Grey



W001

Auto Darken Welding Helmet -
9~13 Shade



W002

Auto Darken Welding Helmet -
9~13 Shade



W1000A

Promax HV5 Welding Jacket



W1001A

Promax Blue FR Welding Jacket



W1002A

Professional Promax BL7
Welding Jacket



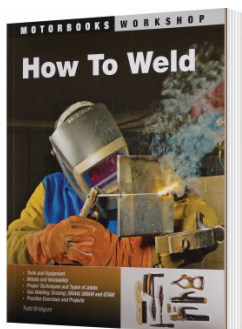
W100

ROGUE™ Heavy Duty Welding
Gloves - 400mm



L3456

How to Weld Book



W225

Welding Curtain



W125

Ø1.6mm TIG Filler Rod - Mild
Steel



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W126

Ø2.4mm TIG Filler Rod - Mild Steel



W127

Ø1.6mm TIG Filler Rod - Stainless Steel



W128

Ø2.4mm TIG Filler Rod - Stainless Steel

