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Product Brochure For ZW175

AC/DC Inverter TIG/MMA (ARC) Welder - AC/DC 315P

#KUMJR315AC/DC

10 - 315 Amps Welding Current Range



ORDER CODE:	ZW175
Type:	AC/DC Inverter Welder
MODEL:	UNITIG 315P AC/DC
Part Number:	#KUMJR315AC/DC
Voltage / Amperage (V / amp):	415
Recommended Plug (amp):	10
Input Frequency (Hz) (Hz):	50
Input Current (amp):	18 - MMA / 12.6 - TIG
Imax (A) (amp):	~
Ieff Current (amp):	13 - MMA / 9 - TIG
Power Rating (kVA):	12.2
Rated Output Current (amp / V):	~
Range of Output Current (amp):	10 - 315
Arc Force (amp):	0 - 100
No Load Voltage (V):	30
Pre-Flow (S) (sec):	0 - 2
Clean Width (%) (%):	20 - 80
Slope-Down Time (S) (sec):	0 - 10
Post-Flow Time (sec):	0 - 10
Base Current (%):	20 - 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 @ 300 / 100 @ 160
Duty Cycle 40 Deg C - MMA (% @ amp):	20 @ 250 / 100 @ 160
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:	~
Standard:	~
Remote Control (Yes / ~):	Yes
Recommended Generator (kVA):	10
Efficency (%):	~
Power Factor:	~
Dimensions (mm):	560 x 365 x 355
Nett Weight (kg):	37

Description

OLD STOCK - 1 ONLY EX BRISBANE

The Uni-Tig 315P AC/DC is a 3 phase 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 ignition 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 finsh 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.

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Combining the functions of the Uni-Tig 315P AC/DC ensures comprehensive control of the welding parameters when welding both AC and DC 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.

Optional trolley provides better manoeuvrability and accepts internal installation of the optional water cooler. The Uni-Tig 315P AC/DC is an industrial workhorse AC/DC welder and is 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

Note
SR26-4M TIG Torch
(*240AMPS DC / *200AMPS AC)
* duty cycle of SR26
If operation above this Amperage
and duty cycle is required
water cooled torch must be used.

Features

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

Includes

- SR-26 4M TIG Torch
- Arc & Earth Lead
- Argon regulator
- Gas Hose
- 315P AC/DC Machine

Optional Accessories

- Stand (W175A)
- Water cooler stand (W175C)
- Foot Control (W174A)



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Specific Features



Front View


Torch Leads


Rear View



Side

Recommended Accessories

W10361
Magnetic TIG Torch Rest



W171
Air Cooled TIG Welding Torch



W119
Anti-Spatter Spray



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



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Product Brochure For ZW175

O306
Gas Refillable Cylinder



O3065
Gas Refillable Cylinder



O0171
Argon Gas Regulator



W161
Argon Gas Regulator-Bobbin Flowmeter



W160A
Argon Gas Regulator-Twin Gauge



W585
2 x 1.6mm Collets



W593
2 x 2.4mm Collets



W586
2 x 1.6mm Collet Holders



W594
2 x 2.4mm Collet Holders



W587
2 x Ø10mm Alumina Nozzles



W588
2 x Long Back Caps



W589
2 x Short Back Caps



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Product Brochure For ZW175

W590
1.6mm Tig Tungsten Electrode - Zirconiated White



W596
2.4mm Tig Tungsten Electrode - Zirconiated White



W597
1.6mm Tig Tungsten Electrode - Ceriated Grey



W598
2.4mm Tig Tungsten Electrode - Ceriated Grey



W100
ROGUE™ Heavy Duty Welding Gloves - 400mm



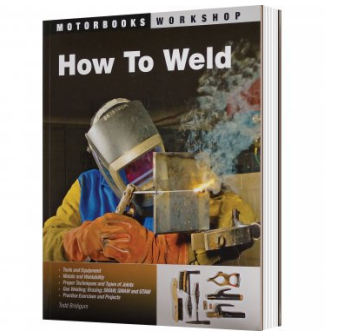
W001
Auto Darken Welding Helmet - 9~13 Shade



W002
Auto Darken Welding Helmet - 9~13 Shade



L3456
How to Weld Book



W225
Welding Curtain



W125
Ø1.6mm TIG Filler Rod - Mild Steel



W126
Ø2.4mm TIG Filler Rod - Mild Steel



W127
Ø1.6mm TIG Filler Rod - Stainless Steel



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Product Brochure For ZW175

W128
Ø2.4mm TIG Filler Rod - Stainless Steel



W130
Ø1.6mm TIG Filler Rod - Aluminium



W131
Ø2.4mm TIG Filler Rod - Aluminium

