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Product Brochure For W1761

TIG WELDER - RAZOR 330 AC/DC

SKU: U11021

10-320 Amps Welding Current Range



On Sale

	Ex GST	Inc GST
	~~$3,180.91~~	~~$3,499.00~~
	$3,090.00	$3,399.00

ORDER CODE:	W1761
Type:	TIG WELDER
MODEL:	RAZOR 330 AC/DC
Part Number:	SKU: U11021
Voltage / Amperage (V / amp):	415 / 10
Recommended Plug (amp):	32
Input Frequency (Hz) (Hz):	~
Input Current (amp):	~
Imax (A) (amp):	17.6
Ieff Current (amp):	10
Power Rating (kVA):	~
Rated Output Current (amp / V):	~
Range of Output Current (amp):	10 - 330 - TIG & 10 - 270 - MMA
Arc Force (amp):	~
No Load Voltage (V):	~
Pre-Flow (S) (sec):	~
Clean Width (%) (%):	~
Slope-Down Time (S) (sec):	~
Post-Flow Time (sec):	~
Base Current (%):	~
Pulse Frequency (Hz):	~
Pulse Duty Cycle (%):	~
TIG Welding Thickness Range (mm):	1-16
MMA Welding Thickness Range (mm):	2-16
MMA Electrode Range (mm):	2.5-4.0
Duty Cycle 40 Deg C - TIG (% @ amp):	30 @ 330
Duty Cycle 40 Deg C - MMA (% @ amp):	30 @ 270
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:	35/50
Protection Class:	IP23S
Insulation Class:	H
Standard:	AS 60974.1
Remote Control (Yes / ~):	~
Recommended Generator (kVA):	20
Efficency (%):	~
Power Factor:	~
Dimensions (mm):	568 x 230 x 416
Nett Weight (kg):	23.8

Description

Get incredible results from start to finish with this professional-grade TIG welder, designed for high-end fabrication, and marine and industrial engineering situations.
Effortlessly weld any metal with the high-frequency AC/DC TIG
The ultimate combination of AC and DC with mixed arc settings
Switch your AC welds to suit your needs with the choice of three waveforms.

HD Backlit Interface
This next generation interface panel is bright and easy to read in any environment.

Ultimate TIG Welding
Weld every kind of metal. With the ability to run on an Alternating Current (AC) you're able to weld aluminium as effortlessly as mild and stainless steels on a Direct Current (DC).

Multiple AC Waveforms
Completely customise your aluminium welds. Switch between Sine, Square, and Triangle waves to change the arc characteristics, bead profile, and penetration to suit your weld.
Sine: The slow, smooth transition between positive and negative provides a consistent weld and good wetting in the toes.
Square: The rapid transitions between positive and negative provide a stable arc, deep penetration, faster travel speeds, and a fast-freezing puddle.
Triangle: The fast transitions between positive and negative and minimal heat input make it optimal for maintaining weld quality on thin or delicate materials.

Mixed AC/DC
Experience the best of both worlds. Mixed AC/DC combines the efficiency of AC and the penetration of DC- TIG in one weld. With it, you get faster welding speeds, better penetration, a faster weld puddle on cold workpieces, and you can weld on thicker materials.

Foot Pedal Ready
Enjoy greater control and precision with our optional foot control accessory. This handy feature allows you to easily adjust your TIG amperage on the fly, without interrupting your torch movement. Wireless and wired options available.

Inverter Technology
Not every inverter is made equal. With UNIMIG's ever-evolving, state-of-the-art IGBT Inverter technology, you get better performance, better efficiency, and better reliability.

Smart Fan
Smart Fan diminishes noise, saves power, helps reduce energy costs, and minimises the number of contaminants being pulled through the machine.

IP23S
Rated IP23S, so it's protected from touch by fingers and objects greater than 12mm, and water spray less than 60° from vertical while still.

Advanced MMA Features
Advanced MMA features are designed for improving weld quality and ease of use.
Arc Forc: The Arc Force feature helps to keep the arc stabilised throughout the weld, by increasing or decreasing the peak current to compensate for your arc length, preventing the arc from cutting out or the electrode from sticking.
Anti-Stick: The Anti Stick feature, which is always on, prevents your electrode from sticking to your workpiece. When the machine detects sticking, the current will drop significantly, so the electrode can be removed.
Hot Start: The adjustable hot start is designed to help with striking an arc. The hot start temporarily boosts the output current at the start, making striking an arc, even with difficult electrodes, much easier. You get smoother arc starts, improving the quality of your weld.

Additional Features
High-Frequency TIG: Maximise your results from start to finish. A high-frequency torch can start an arc without contacting the workpiece, reducing the risk of contaminating the tungsten or the weld. It also means you get access to the entire TIG weld cycle, including pre- and post-gas and up and down slope parameters.
Lift Arc Start TIG: Lift Arc ignition allows the arc to be started easily in DC TIG by simply touching the tungsten to the workpiece and lifting it up to start the arc. This stops the tungsten tip sticking to the workpiece and breaking the tip from the tungsten electrode.
Water Cooler Compatible: Get greater performance on every weld. Connect the water cooler unit to remove excessive heat, extending the weld time and the life of your consumables. When combined with the T3W Water-Cooled TIG Torch, which uses Bi-Flow™ Technology, you get greater performance from the TIG torch.
Job Memory: The job memory function allows you to enter and store weld parameter settings. Weld parameters can be further adjusted and stored as required. A total of 40 jobs can be memorised and stored for recall.
Generator Compatible: Take it anywhere. Connect the machine to a generator and use it wherever, whenever you need it. We recommend a 20kVA for this machine.

Includes

- RAZOR TIG 330 AC/DC Welder
- 4m T2 TIG Torch
- 4m Twist Lock Electrode Holder
- 4m 300 Amp Earth Clamp & Lead
- Argon Flowmeter Regulator
- 2.5m Gas Hose with fittings
- Operating Manual

Specific Features



Shown with Included Accessories



Left View



Front View



HD Backlit Interface

Recommended Accessories

W1761C
Razor TIG 330 AC/DC Water Cooler



W10361
Magnetic TIG Torch Rest



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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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



W596
2.4mm Tig Tungsten Electrode - Zirconiated White



W597
1.6mm Tig Tungsten Electrode - Ceriated Grey



W598
2.4mm Tig Tungsten Electrode - Ceriated Grey



W002
Auto Darken Welding Helmet - 9~13 Shade



W1000A
Promax HV5 Welding Jacket



W1001A
Promax Blue FR Welding Jacket



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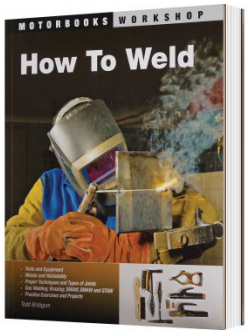
W1002A
Professional Promax BL7 Welding Jacket



W100
ROGUE™ Heavy Duty Welding Gloves - 400mm



L3456
How to Weld Book



W225
Welding Curtain



W125
Ø1.6mm TIG Filler Rod - Mild Steel



W126
Ø2.4mm TIG Filler Rod - Mild Steel



W127
Ø1.6mm TIG Filler Rod - Stainless Steel



W128
Ø2.4mm TIG Filler Rod - Stainless Steel

