

Product Brochure For W1636

## TIG DC - RAZOR TIG 220

5-year warranty  
 10 Amp Plug

**On Sale**

<b>Ex GST</b>	<b>Inc GST</b>
<del>\$1,453.64</del>	<del>\$1,599.00</del>
<b>\$1,320.00</b>	<b>\$1,452.00</b>



ORDER CODE:	W1636
Type:	TIG WELDER
MODEL:	RAZOR TIG 220
Part Number:	U12003K
Voltage / Amperage (V / amp):	240 / 10
Recommended Plug (amp):	10
Input Frequency (Hz) (Hz):	~
Input Current (amp):	~
Imax (A) (amp):	~
Ieff Current (amp):	9.8
Power Rating (kVA):	~
Rated Output Current (amp / V):	~
Range of Output Current (amp):	5 - 220 TIG & 20-160A STICK
Arc Force (amp):	~
No Load Voltage (V):	68
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):	~
MMA Welding Thickness Range (mm):	~
MMA Electrode Range (mm):	~
Duty Cycle 40 Deg C - TIG (% @ amp):	20 @ 220
Duty Cycle 40 Deg C - MMA (% @ amp):	15 @ 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:	IP23S
Insulation Class:	H
Standard:	~
Remote Control (Yes / ~):	~
Recommended Generator (kVA):	9.0
Efficiency (%):	~
Power Factor:	~
Dimensions (mm):	310 x 150 x 460
Nett Weight (kg):	8.9

### Description

This professional-grade DC TIG welder gives you incredible results from start to finish on every weld.

#### HD Backlit Interface

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

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### Power Factor Correction (PFC)

PFC gives you maximum electrical efficiency. It automatically compensates for any voltage fluctuation, and PFC is also designed to be generator friendly.

### 10A Plug

A 10 AMP power plug can be used on any domestic outlet. It's perfect for the DIY home handyman or the professional welder looking for a machine that can be used almost anywhere.

### 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.

### Pulse TIG

Minimise the heat input without compromising on any of the penetration. Alternating between a peak and base current reduces the amount of heat input and focuses the arc, perfect for sheet metals and out-of-position welding.

### Foot Control Ready

The perfect accessory, easily adjust your amperage to suit every weld as you go without disrupting your torch movement.

### Smart Fan

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

### Advanced MMA Features

This machine features Anti-Stick technology, as well as adjustable Arc Force and Hot Start functionality. These features are designed for improving weld quality and ease of use.

## Features

- Get the full DC TIG welding cycling including all the pulse functions
- With new PFC components, this machine can be run on a 10A plug
- Connect a foot pedal to the machine for extra versatility and convenience
- A 5-year warranty to reflect our confidence in this machine

## Includes

- RAZOR TIG 220 DC Welder
- 4m T2 TIG Torch
- 4m Twist Lock Electrode Holder
- 4m 300 Amp Earth Clamp & Lead
- Argon Flowmeter Regulator
- 1.8m Gas Hose with fittings
- Operating Manual

## Specific Features



Front



Side

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**Recommended Accessories**

**W241**  
 Universal Welder Trolley



**W2415**  
 TRI-CART Multi-Machine  
 Welding Trolley



**W10361**  
 Magnetic TIG Torch Rest



**W171A**  
 Air Cooled TIG Welding Torch



**W119**  
 Anti-Spatter Spray



**O0184**  
 Ar/O<sub>2</sub> - Argon 98% & Oxygen  
 2% Disposable Cylinder



**O0185**  
 CO<sub>2</sub>/Ar - 86% Argon & 14%  
 Carbon Dioxide Disposable  
 Cylinder



**O300**  
 Gas Refillable Cylinder



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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



W596  
 2.4mm Tig Tungsten Electrode -  
 Zirconiated White



W597  
 1.6mm Tig Tungsten Electrode -  
 Ceriated Grey



W598  
 2.4mm Tig Tungsten Electrode -  
 Ceriated Grey



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**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



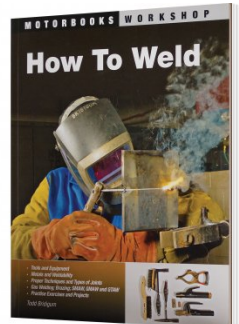
**W101**  
 TIG Welding Gloves - 310mm



**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

