

Product Brochure For W1635

## TIG WELDER - RAZOR™ 200 DC

#KUMJRRW200DC

5-200 Amps Welding Current Range



ORDER CODE:	W1635
Type:	TIG WELDER
MODEL:	RAZOR™ 200 DC
Part Number:	#KUMJRRW200DC
Voltage / Amperage (V / amp):	240 / 15
Recommended Plug (amp):	15
Input Frequency (Hz) (Hz):	~
Input Current (amp):	20
Imax (A) (amp):	~
Ieff Current (amp):	14.6
Power Rating (kVA):	7
Rated Output Current (amp / V):	10-160 / 26.4 - MMA & 5-200 / 18 - TIG
Range of Output Current (amp):	5 - 200
Arc Force (amp):	~
No Load Voltage (V):	43
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):	25 @ 200
Duty Cycle 40 Deg C - MMA (% @ amp):	20 @ 180
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):	9
Efficiency (%):	85
Power Factor:	0.7
Dimensions (mm):	365 x 135 x 277
Nett Weight (kg):	6.5

### Description

The RAZOR200 DC TIG is an inverter-based Digital Controlled DC Tig welding machine with HF arc ignition and pulse capability. Produced using the latest in IGBT technology this machine offers simple easy step by step digital setting of functions and parameters providing you with professional and complete control.

The HF arc ignition provides pre gas and instant arc ignition with the press of the torch switch leaving no tungsten inclusion and no contamination of the tungsten electrode. Digital set of Pre Gas Time, Start Current Level, Up Slope Time, Down Slope Time, Finish Current Level and Post Gas Time combined with the choice of 2 or 4T trigger function allows you to control the start and finish of the weld process at the highest professional level. The Digital Control Pulse Frequency allows full parameter setting of Peak Current, Base Current, Pulse Frequency and Pulse Width, allowing to manipulate the heat input to the work, control penetration and minimise distortion. Combining the functions of the RAZOR200 DC TIG ensures comprehensive control of the welding parameters when welding all DC weld-able materials to

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produce high quality Tig welds.

Our unique Torch Remote Control Interface provides remote amperage control from the torch in both static and live welding modes. The DC MMA welding function delivers a smooth and stable arc allowing easy welding with electrodes obtaining high quality welds including cast Iron, stainless and low hydrogen. The added bonus of Arc Ignition and Arc Force control allows you to set the ideal arc condition no matter what electrode you choose. The RAZOR200 DC TIG is a professional machine that is suitable for multiple applications, stainless steel fabrication, dairy & food industry, site welding, repair and maintenance applications. Built to our specification and manufactured in compliance to AS/NZ60974.1

### Features

- Latest IGBT Inverter Technology
- Digital Weld Program Sequence Control
- DC TIG (DC tungsten inert gas welding)
- HF Arc Ignition (prevents tungsten inclusion & tungsten damage)
- Adjustable Pulse Frequency 0.5 - 200Hz
- Peak Current, Base Current and Pulse Width Adjustment
- 2/4T Trigger + Spot Time Adjustment
- Start & Final Current Adjustment
- Pre and Post Gas Flow Adjustment
- Up and Down Slope Adjustment
- Remote Torch Amp Control
- MMA (stick electrode)
- Arc Ignition
- Arc Force
- Digital Display
- Thermal Overload Protection
- Generator compatible (recommend 9.0KVA 230V)

### Includes

- RAZOR200 DC TIG Machine
- SR26 x 4m Tig Torch
- Earth Lead & Arc Lead 25mm x 4m,
- Argon Flowmeter Regulator

### Specific Features



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Front View



Right View

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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



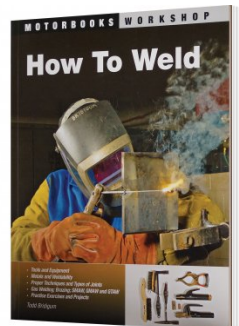
**W101**  
 TIG Welding Gloves - 310mm



**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

