

## Razorweld 200P - DC TIG & ARC Inverter Welder-High Frequency

5-200A  
 #KUMJRR200DC

**Ex GST**                      **Inc GST**  
**\$1,110.00**                      **\$1,221.00**



ORDER CODE:	W1635
Type:	DC Inverter Welder
MODEL:	Razorweld 200P / HF
Part Number:	#KUMJRR200DC
Voltage / Amperage (V / amp):	240 / 15
Recommended Plug (amp):	15
Input Frequency (Hz) (Hz):	~
Input Current (amp):	20
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 (%):	~
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):	~
Protection Class:	IP21S
Remote Control (Yes / ~):	~
Recommended Generator (kVA):	9
Efficiency (%):	85
Power Factor:	0.7
Insulation Class:	F
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 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

## Product Brochure For W1635

### 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
- Razorweld Carry Bag



### Specific Features



Front View

Product Brochure For W1635

sales@machineryhouse.com.au  
 www.machineryhouse.com.au

**Recommended Accessories**

W10361  
 Magnetic TIG Torch Rest



W241  
 Welder Trolley



W171A  
 Air Cooled TIG Welding Torch



W119  
 Anti-Spatter Spray



O0183  
 Ar - Argon Disposable Cylinder



O0184  
 Ar/O2 - Argon 98% & Oxygen 2% Disposable Cylinder



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



O300  
 Gas Refillable Cylinder



Product Brochure For W1635

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  
 Tig Tungsten Electrode -  
 Zirconiated White



W596  
 Tig Tungsten Electrode -  
 Zirconiated White



W597  
 Tig Tungsten Electrode -  
 Ceriated Grey



W598  
 Tig Tungsten Electrode -  
 Ceriated Grey



Product Brochure For W1635

W002

Auto Darken Welding Helmet -  
 9-13 Shade



W003

Auto Darken Welding Helmet -  
 5-8 / 9-13 Shade



W159

Auto Darken Welding Helmet  
 with PAPR Respiratory System -  
 5-9, 9-13 Shade



W1000A

Promax HV5 Welding Jacket



W1001A

Promax Blue FR Welding Jacket



W1002A

Professional Promax BL7  
 Welding Jacket



W101

TIG Welding Gloves - 360mm



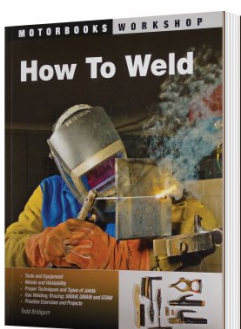
W100

Welding Gloves - 400mm



L3456

How to Weld Book



W225

Welding Curtain



W125

TIG Filler Rod - Ø1.6mm Mild  
 Steel



W126

TIG Filler Rod - Ø2.4mm Mild  
 Steel



Product Brochure For W1635

**W127**  
 TIG Filler Rod - Ø1.6mm  
 Stainless Steel



**W128**  
 TIG Filler Rod - Ø2.4mm  
 Stainless Steel



**W210**  
 Welding Electrodes - General  
 Purpose



**W211**  
 Welding Electrodes - Multi-  
 Purpose



**W212**  
 Welding Electrodes - Stainless  
 Steel



**W213**  
 Welding Electrodes - Hard  
 Facing



**W214**  
 Welding Electrodes - Cast Iron



**W215**  
 Welding Electrodes - Dissimilar  
 Metal



**W202**  
 Welding Electrodes - Ø2.5mm  
 General Purpose



**W203**  
 Welding Electrodes - Ø3.2mm  
 General Purpose



**W216A**  
 Welding Electrodes - Ø2.5mm  
 General Purpose



**W216**  
 Welding Electrodes - Ø2.5mm  
 General Purpose



Product Brochure For W1635

sales@machineryhouse.com.au  
www.machineryhouse.com.au

W217

Welding Electrodes - Ø3.2mm  
General Purpose

W219

Welding Electrodes - Ø3.2mm  
Multi Purpose

