

## Product Brochure For K0172D

### Package Deal - RAZOR 200 AC/DC TIG WELDER High Frequency

#KUM-M-RTIG200ACDC

10-200 Amps Welding Current Range



#### Package Deal

Ex GST

Inc GST

\$2,190.00

\$2,409.00

#### Package Contents - SAVE \$117.99 (Inc)

|                                                       |            |
|-------------------------------------------------------|------------|
| 1 x W1722 - RAZOR 200 AC/DC TIG WELDER High Frequency | \$2,079.00 |
| 1 x W006 - Auto Darkening Welding Helmet PROMAX 650   | \$259.00   |
| 1 x W504A - T2 Tig Torch Consumable Pack UMSKT2       | \$149.99   |
| 1 x W101B - ROGUE™ TIG Welding Gloves UMS-TG1         | \$39.00    |

Normal Price (Inc): \$2,526.99

|                                                   |                                |
|---------------------------------------------------|--------------------------------|
| ORDER CODE:                                       | K0172D                         |
| Type:                                             | TIG WELDER - Package Deal      |
| MODEL:                                            | RAZOR™ 200 AC/DC               |
| Part Number:                                      | #KUM-M-RTIG200ACDC             |
| Voltage / Amperage (V / amp):                     | 240 / 15                       |
| Recommended Plug (amp):                           | 10                             |
| Input Frequency (Hz) (Hz):                        | 50                             |
| Input Current (amp):                              | ~                              |
| Imax (A) (amp):                                   | ~                              |
| Ieff Current (amp):                               | ~                              |
| Power Rating (kVA):                               | 9.0                            |
| Rated Output Current (amp / V):                   | ~                              |
| Range of Output Current (amp):                    | 5 - 200 - TIG & 20 - 160 - MMA |
| Arc Force (amp):                                  | ~                              |
| No Load Voltage (V):                              | 65                             |
| 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 @ 200                       |
| 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                              |
| Efficiency (%):                                   | ~                              |
| Power Factor:                                     | ~                              |
| Dimensions (mm):                                  | ~                              |



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Perth: (08) 9373 9999  
Adelaide: (08) 9373 9969  
sales@machineryhouse.com.au  
www.machineryhouse.com.au

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|                   |      |
|-------------------|------|
| Nett Weight (kg): | 11.7 |
|-------------------|------|



### Description

#### HD Backlit Interface

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

#### 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.

#### AC/DC

Weld every kind of metal. With the ability to run on an Alternating Current, you're able to weld aluminium as effortlessly as mild and stainless steels.

#### 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.

#### 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.

#### 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 thicker materials.

#### 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

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

### Advanced MMA Features

The RAZOR TIG 200 AC/DC features adjustable Arc Force and Hot Start functionality. These features are designed for improving weld quality and ease of use.

### Optional Remote Control

Upgrade your machine with a handy remote control. Both a wired and wireless controller are available.

## Features

- Effortlessly weld any metal with the high-frequency AC/DC TIG
- The ultimate combination of AC and DC available with Mixed Arc settings
- Switch your AC welds to suit your needs with the choice of three waveforms
- 5-year warranty

## Includes

- RAZOR TIG 200 AC/DC Welder
- 8m 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
- W006 - PROMAX 650 - Auto Darkening Welding Helmet
- W101B - UMS-TG1 - ROGUE™ TIG Welding Gloves
- W504A - UMSKT2 - T2 Tig Torch Consumable Pack

## Recommended Accessories

### W241

Universal Welder Trolley



### W2415

TRI-CART Multi-Machine Welding Trolley



### W501A

M350 MIG Torch Consumables Starter Kit



### W504A

T2 Tig Torch Consumable Pack



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W10361

Magnetic TIG Torch Rest



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



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



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**W160A**

Argon Gas Regulator-Twin  
Gauge



**W5991**

Ø10mm Ceramic Nozzle



**W5993**

1.6mm Collet Body



**W5994**

2.4mm Collet Body



**W5996**

Head Gasket



**W5997**

Heat Isolator



**W5998**

Long Black Cap



**W5999**

Short Back Cap



**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



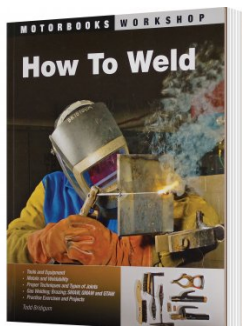
### W100

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

