Auckland: (09) 2717 234
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Product Brochure For K0172D

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

#KUM-M-RTIG200ACDC

10-200 Amps Welding Current Range




| | |
|---|---|
| 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 |
| Efficency (%): | ~ |
| Power Factor: | ~ |
| Dimensions (mm): | 500 x 170 x 340 |
| 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.

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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
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

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## 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




W10361
Magnetic TIG Torch Rest



W1140D
Argon Gas Regulator-Twin Gauge



W5993
1.6mm Collet Body



W5994
2.4mm Collet Body



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# Product Brochure For K0172D

W5996
Head Gasket




W5998
Long Black Cap




W100
ROGUE™ Heavy Duty Welding Gloves - 400mm



L3456
How to Weld Book

