

Product Brochure For K84502

## MIG/TIG/STICK Welder - RAZOR PULSE 200

Supplied to School Specifications  
 NSW DOE Item 41A

### Please Call



ORDER CODE:	K84502
NSW DOE Item No.:	41A
QLD DOE Item No.:	-
MODEL:	RAZOR PULSE 200
Voltage (V):	240
Welding Current (amp):	40-200 MIG
Recommended Plug Amperage (amp):	15
MIG Duty Cycle @ 40°C ((% @ amp)):	15% @ 200
TIG Duty Cycle @ 40°C ((% @ amp)):	20% @ 200
MMA Duty Cycle @ 40°C ((% @ amp)):	15% @ 180
Mig Wire Size Range (mm):	0.6 - 1.2
Wire Spool Size (kg):	5 & 15
Dimensions (mm):	605 x 230 x 400
Nett Weight (kg):	17



### Description

The all-new RAZOR 200 PULSE has arrived. As our latest innovation in pulse MIG, this machine comes filled with revolutionary technology across the board. Whether it's MIG, pulse MIG, double pulse MIG, High Frequency TIG, pulse TIG or STICK – you name it, the RAZOR 200 PULSE can handle it. Get everything pulse MIG has to offer on a 15 amp plug.

#### Single & Double Pulse MIG

Pulse welding reduces the heat and minimises spatter, without compromising penetration, so its perfect for thin and soft materials like aluminium.

A single pulse weld alternates between a peak current and a background current. Double pulse welding works the same way, but with a second background current to add even more control over the arc.

- Reduced heat input, so you can weld thinner than standard MIG, perfect for aluminium
- Weld faster than a TIG weld, but with the same aesthetic appearance of TIG
- Spatter free welding, cutting your clean-up time to nothing
- Great penetration even with lower heat

#### 5" LCD Touch Screen Display

Choosing your weld parameters or changing your settings mid weld has never been easier. The large touch screen display is clear, with an easy to navigate interface. You won't even need a manual to work it out.

#### Over 100+ Synergic Programs

With over 100 preset synergic programs, setting up for a weld has never been faster. Just select your metal, wire size, and gas, and you're good to go.

#### Hot Start and Crater Fill

Hot Start gives you a boost in current at the start of your weld, eliminating issues with starting on cold metal, and makes welding on thicker materials and aluminium easier.

Crater Fill ramps your welding current and voltage down at the end of a weld, so you can fill in the end of a weld at a lower power, eliminating craters and pinholes.

Crater Fill and Hot Start functions mean your welds start strong and end just as strong.

#### 4 Geared Wire Drive

With four geared wire drive rollers, you will get a more consistent and smoother wire feeding experience.

The internal housing also features storage space for additional rollers, so they're always in reach. It also comes with an internal spool light, for max visibility in any lighting.

#### High Frequency DC TIG

You can maintain complete control over your TIG welds with the RAZOR 200 PULSE. The high frequency DC TIG welding mode comes with a

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full set of adjustable parameters, like pre- and post-flow, up and down slopes, as well as all things pulse. Everything you need, right at your fingertips.

### STICK (MMA)

You'll be able to STICK weld anything, including cellulosic electrodes, plus with the addition of Anti Stick, you'll never struggle to strike an arc again.

The Arc Force function helps to keep the arc stabilised throughout the weld, so it won't cut out, and stops the electrode from sticking.

Power Limit works to keep the amperage constant throughout the weld by preventing the voltage from exceeding the set value.

### GLICK Heat Control

When using the GLICK function, set a base current, which you can switch to at any time during a weld by pressing the trigger button. GLICK is great for manual heat input control as you go.

### Job Memory (100 Jobs)

Save your favourite weld settings with the jobs function.

### Digital Control Torch

Adjust your amps, current and voltage right on the MIG torch itself. Plus, if you plug in a TIG torch, pressing the trigger will automatically switch you to the TIG screen and vice versa.

### 2T / 4T / SPOT

Choose between two-touch, four-touch and spot modes to maximise operator comfort on every weld.

### Adjustable Arc Length

Increase or decrease your arc length while in the synergic and pulse MIG modes to suit your weld style.

### Inductance Control

Change the frequency of your short circuit MIG welds with the Inductance settings, so you can choose your preferred arc characteristics.

### Generator Compatible

Going off the grid? The RAZOR 200 PULSE can be connected to a generator, we recommend one with an 11kVA rating.

## Features

- MIG, pulse MIG, double pulse MIG, High Frequency TIG, pulse TIG or STICK
- Accepts 5kg & 15kg Mig Wire Spool Sizes
- Thermal overload protection
- 15 Amp plug - Connect to a 15 Amp outlet
- Complies to AS/NZS 60974.1 standards
- UNIMIG is pleased to offer a 3-year warranty on the RAZOR 200 PULSE

## Includes

- RAZOR 200 PULSE MIG/TIG/STICK Welder
- 3m DM26 Digital MIG Torch fitted with a carbon-polyamide liner
- 3m Twist Lock Electrode Holder
- 3m 300 Amp Earth Clamp & Lead
- Twin Gauge Argon Regulator
- 1.8m Gas Hose Complete with fittings
- Operating Manual
- 2kg 1.2mm 5356 HYPERARC Aluminium Wire
- DM26 Consumable Starter Kit
- Earth Lug (For Earth Continuity)
- Mig Pliers / Wire Cutters
- Professional Leather welding Gloves
- 0.9mm ER70S-6 Mild Steel MIG Wire 5Kgs

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**Specific Features**



Front View



Left View



Full Kit



Mild Steel 5kg



MIG Pliers



Professional Leather Welding Gloves

**Recommended Accessories**

W496

SB24 Mig Torch Consumable Pack



W10362

Magnetic MIG Torch Rest



W10361

Magnetic TIG Torch Rest



W563

MIG Torch - 3 Metre



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**W181C**  
 Spool Gun - Light Duty



**W181D**  
 Spool Gun



**W171D**  
 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



**O304**  
 Gas Refillable Cylinder



**O3045**  
 Gas Refillable Cylinder



**O302**  
 Gas Refillable Cylinder



**O306**  
 Gas Refillable Cylinder



**O3065**  
 Gas Refillable Cylinder



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O0171  
 Argon Gas Regulator



W160A  
 Argon Gas Regulator-Twin Gauge



W161  
 Argon Gas Regulator-Bobbin Flowmeter



W001  
 Auto Darken Welding Helmet - 9-13 Shade



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



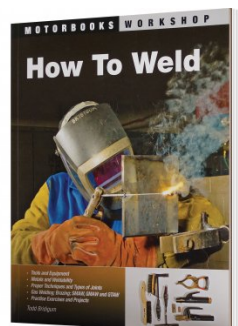
W100  
 ROGUE™ Heavy Duty Welding Gloves - 400mm



W101  
 TIG Welding Gloves - 310mm



L3456  
 How to Weld Book



W225  
 Welding Curtain



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**W138A**  
 Ø0.6mm Mild Steel MIG  
 Welding Wire



**W140A**  
 Ø0.8mm Mild Steel MIG  
 Welding Wire



**W142**  
 Ø0.9mm Mild Steel MIG  
 Welding Wire



**W136**  
 Ø0.8mm Mild Steel MIG  
 Welding Wire



**W135**  
 Ø0.9mm Mild Steel MIG  
 Welding Wire



**W145B**  
 Ø0.8mm Gasless Mild Steel  
 MIG Welding Wire



**W145**  
 Ø0.9mm Gasless Mild Steel  
 MIG Welding Wire



**W143**  
 Ø1.0mm Aluminium MIG  
 Welding Wire



**W144**  
 Ø1.2mm Aluminium MIG  
 Welding Wire



**W2021**  
 HYPERARC™ 6013 GENERAL  
 PURPOSE



**W125**  
 Ø1.6mm TIG Filler Rod - Mild  
 Steel



**W126**  
 Ø2.4mm TIG Filler Rod - Mild  
 Steel



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



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



**W546**  
 10 x 0.6mm Contact Tips - Steel



**W548**  
 10 x 0.8mm Contact Tips - Steel



**W549**  
 10 x 0.9mm Contact Tips - Steel



**W549A**  
 10 x 0.9mm Contact Tips -  
 Aluminium



**W550**  
 10 x 1.0mm Contact Tips - Steel



**W550A**  
 10 x 1.0mm Contact Tips -  
 Aluminium



**W552**  
 10 x 1.2mm Contact Tips - Steel



**W552A**  
 10 x 1.2mm Contact Tips -  
 Aluminium



**W539**  
 0.6-0.8mm Blue Steel Liner



**W538**  
 1.0-1.2mm Red Steel Liner



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**W567**  
 1.0-1.2mm Red Aluminium Liner



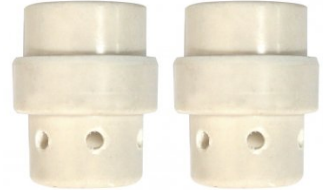
**W555**  
 2 x Conical Nozzles



**W557**  
 2 Contact Tip Holders



**W556**  
 2 x Gas Diffusers



**W558**  
 Swan Neck Assembly



**W08450**  
 FIXTURE TABLE



**W08500**  
 40pc Square & Round Welding  
 Table Clamp Kit



**W08510**  
 Weld Clamps with Locking Nuts  
 (2 Piece Pack)



**C103**  
 228mm Multi-Purpose Locking  
 Clamp



**W08512**  
 Weld Clamps with Locking Nuts  
 (2 Piece Pack)



**W08515**  
 38mm x M12 Multi-Purpose  
 Riser/Stops (Spigot Type) - 4pc  
 Pack



**V099**  
 90 degree Angle Vice Clamp



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V100

90 degree Angle Vice Clamp

