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Product Brochure For K1105

AC/DC TIG WELDER High Frequency - RAZOR 200

PULSE FUNCTION

TIG Current Range: 5-200A



Package Deal

Ex GST	Inc GST
$3,100.00	$3,565.00

Package Contents - **SAVE $52.00 (Inc)**	
1 x W1722 - RAZOR 200 AC/DC TIG WELDER High Fre	**$2,899.00**
1 x W991 - Professional Series Welding Helmet - 5 Arc Se	**$415.00**
1 x W504A - T2 Tig Torch Consumable Pack UMSKT2	**$245.00**
1 x W101B - ROGUE™ TIG Welding Gloves UMS-TG1	**$58.00**
Normal Price (Inc):	**$3,617.00**

21015

ORDER CODE:	K1105
Type:	TIG WELDER
MODEL:	RAZOR™ 200 AC/DC
Part Number:	U12002K
Voltage / Amperage (V / amp):	240 / 10
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):	5-200A (DC) & 20-200A (AC)
Range of Output Current (amp):	20 - 200A - TIG (AC) & 20 - 160A - 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:	~

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Dimensions (mm):

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	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.

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

- Professional Series Welding Helmet - 5 Arc Sensors - U21015 (W991)
- Shade Range 5-13 plus grind mode
- Unmatched visibility in every position with a 102.5x102.5mm view
- Auto Shade Selection picks the optimal shade for every weld
- The best optical clarity with 1/1/1/1 classifications

- T2 Tig Torch Consumable Pack - UMSKT2 (W504A)
- The ARC TORCHOLOGY TIG consumable range is now complete, featuring both ceramic and quartz cups. The Standard Series covers
- cup sizes 4 to 10, perfect for your everyday TIG welding. Our all-new SUPER Series features larger 12, 14 and 18 cup sizes for maximum
- gas coverage.

- ROGUE™ TIG Welding Gloves - UMS-TG1 (W101B)
- Size Large
- Unlined for maximum feedback, these gloves have a 5/5 dexterity score
- The reinforced heat-guard side patch helps with reducing hand fatigue
- Made from premium grain goat leather

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

- Includes:
- Professional Series Welding Helmet - 5 Arc Sensors - U21015 (W991)
- T2 Tig Torch Consumable Pack - UMSKT2 (W504A)
- ROGUE™ TIG Welding Gloves - UMS-TG1 (W101B)

Specific Features



W991



W504A



W101B

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Recommended Accessories

W241
Universal Welder Trolley



W2415
TRI-CART Multi-Machine Welding Trolley



W504A
T2 Tig Torch Consumable Pack



W10361
Magnetic TIG Torch Rest



W501A
M350 MIG Torch Consumables Starter Kit



W1140D
Argon Gas Regulator-Twin Gauge



W5993
1.6mm Collet Body



W5994
2.4mm Collet Body



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W5996
Head Gasket



W5998
Long Black Cap



W100
ROGUE™ Heavy Duty Welding Gloves - 400mm



L3456
How to Weld Book

