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Product Brochure For K0172A

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

#KUM-M-RTIG200ACDC

10-200 Amps Welding Current Range



ORDER CODE:	K0172A
Type:	TIG WELDER - Package Deal
MODEL:	RAZOR™ 200 AC/DC
Part Number:	#KUM-M-RTIG200ACDC
Voltage / Amperage (V / amp):	240 / 15
Recommended Plug (amp):	15
Input Frequency (Hz) (Hz):	50
Input Current (amp):	~
Imax (A) (amp):	~
Ieff Current (amp):	15
Power Rating (kVA):	6.0
Rated Output Current (amp / V):	~
Range of Output Current (amp):	10 - 200 - TIG & 10 - 160 - MMA
Arc Force (amp):	0 - 40
No Load Voltage (V):	68
Pre-Flow (S) (sec):	0 - 3
Clean Width (%) (%):	~
Slope-Down Time (S) (sec):	0 - 15
Post-Flow Time (sec):	0.5 - 15
Base Current (%):	5 - 200
Pulse Frequency (Hz):	0.2 - 200
Pulse Duty Cycle (%):	10 - 90
TIG Welding Thickness Range (mm):	~
MMA Welding Thickness Range (mm):	~
MMA Electrode Range (mm):	~
Duty Cycle 40 Deg C - TIG (% @ amp):	25 @ 200
Duty Cycle 40 Deg C - MMA (% @ amp):	30 @ 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:	IP21S
Insulation Class:	B
Standard:	~
Remote Control (Yes / ~):	~
Recommended Generator (kVA):	9
Efficency (%):	85
Power Factor:	0.70
Dimensions (mm):	426 x 162 x 326
Nett Weight (kg):	10

Description

RAZOR DIGITAL 200 AC/DC TIG/MMA - Digital Inverter Welder
Welds: Aluminium, Magnesium, Zinc Alloys, Steels, Stainless, Cast Iron, Bronze, Copper

The RAZOR200ACDC is a Digital Controlled Square Wave AC/DC TIG inverter welder. Intelligent digital control of the main functions are realised by software providing ease of operation and high accuracy, software upgrade is possible by simple download function. Full TIG functionality, offering simple step by step digital control of functions and parameters providing complete professional control. HF arc ignition provides pre-gas with instant arc ignition leaving no tungsten inclusion or contamination of the tungsten electrode. Digital set of Pre Gas Time, Start Current, Up Slope and Down Slope Time, Finish Current Level and Post Gas Time with the choice of 2T or 4T trigger function allows control of the welding process at a professional level from start to finish. Digital Pulse Control gives full parameter setting of Peak & Base Current, Pulse Frequency & Pulse Width providing control of heat input, penetration & distortion. AC Square Wave Balance gives control of the electron flow at the tungsten, the AC Tig arc can be adjusted from maximum oxide-layer cleaning on aluminium through to a deeper

penetrating weld.

Remote Control Interface provides optional remote amperage control at the torch or foot-pedal control. DC MMA welding delivers a smooth and stable arc for easy welding of electrodes producing high quality welds including cast Iron, stainless and low hydrogen. Arc Ignition and Arc Force control allows you to set the ideal arc condition no matter what electrode you choose. Optimised auto protection of the power input provides auto shut down of the machine when large scale fluctuations occur. Unique air channel design increases the heat dissipation of the power device, control circuits, minimises dust absorption, thereby greatly improving longevity and reliability.

RAZOR200ACDC is the new standard for 240V AC/DC welders making it the ideal choice for experienced or novice welders of Aluminium, Stainless and Steel materials. Built to our specification and manufactured in compliance to AS/NZ60974.1

Features

- Latest 43KHz Inverter Technology
- AC/DC HF TIG/MMA Function
- Arc Ignition HF Oscillation
- AC Square Wave 20 - 250Hz
- AC Balance Control Adjustable
- Pulse Frequency 0.2 - 200Hz
- Pulse Width 10 - 90%
- Base Current 5 - 200A
- Up Slope 0 -10 sec
- Down Slope 0 -15 sec
- Pre Gas 0 - 3 sec
- Post Gas 0.5 -15 sec
- Trigger Function 2/4T-Spot

- MMA
- Arc Ignition Current Automatic
- Arc Ignition Time Automatic
- Arc Force Current 0 - 40A
- Remote Amperage Foot & Hand Control

Includes

- Razor 200 AC/DC Machine Kit
- Fixture Table
- AT5356-1.6 - Ø1.6mm TIG Filler Rod - Aluminium
- T2 Tig Torch Consumable Pack
- ROGUE™ TIG Welding Gloves
- Magnetic TIG Torch Rest

Specific Features



Fixture Table



RAZOR™ 200 Digital Pulse AC/DC - TIG/STICK kit


AT5356-1.6 - Ø1.6mm TIG Filler Rod - Aluminium


ROGUE™ TIG Welding Gloves

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T2 Tig Torch Consumable Pack



Magnetic TIG Torch Rest

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



W119
Anti-Spatter Spray



O0185
CO2/Ar - 86% Argon & 14% Carbon Dioxide Disposable Cylinder



O300
Gas Refillable Cylinder



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Product Brochure For K0172A

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



W5991
Ø10mm Ceramic Nozzle



W5993
1.6mm Collet Body



W5994
2.4mm Collet Body



W5996
Head Gasket



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Product Brochure For K0172A

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



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



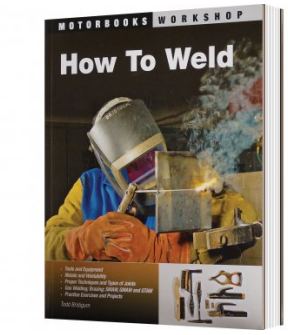
W100
ROGUE™ Heavy Duty Welding Gloves - 400mm



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Product Brochure For K0172A

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

