

RAZOR DIGITAL 200 AC/DC TIG/MMA - Digital Inverter Welder



Razorweld

Welds: Aluminium, Magnesium, Zinc Alloys, Steels, Stainless,
Cast Iron, Bronze, Copper

TIG/MMA 200 Amp AC/DC Inverter Welder Digital Control - 240V Single Phase

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



Technical Data

Power Supply / Phases (V-Ph)	240V - 1 ±15%
Rated Input Power (KVA)	6.0
ieff (Amps)	15
iMax (Amps)	29
Rated Output	10-160A/26.4V MMA 10-200A/18.0V TIG
No-Load Voltage (V)	68
Duty Cycle @ 40°C as per AS/NZ60974	30%@160Amps MMA 25%@200Amps TIG
Efficiency (%)	85
Power Factor	0.70
Protection Class	IP21S
Insulation Class	B
Size (mm)	426x162x326
Weight (kg)	10Kg
Warranty	3 years machine only
Certification Approval	AS/NZ60974.1



Standard Amperage Control
for torch



UTJRFC-4
Remote Foot Control Option

Overview

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

MACHINE PACKAGE: KUMJRRZ200AC/DC

Standard option includes: RAZOR200AC/DCP Machine, SR26 TIG Torch x 4m, Earth Lead & Arc Lead 25mm x 4m, UNI-FLAME Argon Regulator, 2M Gas Hose with fittings

