



FEATURES

- 15 AMP Plug
- AC/DC H/F TIG & PULSE TIG
 - Pre Gas 0.1 - 3.0 sec
 - Start Amperage 10 - 200A
 - Up Slope 0 - 10 sec
 - Peak Amp 10 - 200A
 - AC Square Wave 20 - 250Hz
 - AC Balance Control ± 10
 - Down Slope 0 - 15 sec
 - Adjustable Finish Amperage 10 - 200A
 - Post Gas 0.5 - 15.0 sec
- STICK (MMA) with ARC FORCE
- Thermal overload protection
- IP21S rating for environmental/safety protection
- Generator compatible (recommend KVA minimum)
- VRD (Voltage Reduction Device)
- Foot Control Ready

OVERVIEW

The RAZOR TIG 200 AC/DC is the perfect AC/DC TIG & STICK Welder for professional welder wanting both AC and DC TIG welding capabilities. Fitted with a 15 AMP Plug, this machine is suited to light to medium industrial work.

The RAZOR TIG 200 AC/DC allows for full control over the TIG welding process to ensure you can maximise your results from start to finish. Controllable parameters include Pre Gas Time, Start Current, Up Slope and Down Slope Time, Finish Current Level and Post Gas Time, among many others.

The all-new ARC TORCHOLOGY T2 TIG Torch comes standard with the RAZOR TIG 200 AC/DC, offering up to 30% more power and longer consumable life-cycles. A Remote Foot Control (UTJRFC-4) can also be plugged into the machine for even more versatility.

With all of these features packed into an compact package, the RAZOR TIG 200 AC/DC is a must-have for any professional welder or TIG enthusiast.

MACHINE PACKAGE: KUM-M-RTIG200ACDC

- RAZOR TIG 200 AC/DC Power Source
- 4m High Performance T2 TIG Torch (including consumables)
- 4m Twist Lock Electrode Holder
- 300 Amp Earth Clamp & Lead
- Argon Flowmeter Regulator
- 2m Gas Hose Complete with fittings
- Operating Manual

| TECHNICAL DATA | |
|-------------------------|--|
| MACHINE | RAZOR TIG 200 AC/DC |
| SKU | KUM-M-RTIG200ACDC |
| PRIMARY INPUT VOLTAGE | 240V Single Phase |
| SUPPLY PLUG | 15 AMP |
| RATED INPUT POWER (kVA) | 6.0 |
| I_{eff} (A) | 15.0 |
| I_{max} (A) | 29.0 |
| RATED OUTPUT | 10-200A/18.0V |
| NO LOAD VOLTAGE (V) | 9-68 |
| PROTECTION CLASS | IP21S |
| INSULATION CLASS | F |
| POWER FACTOR | 0.7 |
| MINIMUM GENERATOR (kVA) | 9.0 |
| DINSE CONNECTOR | 35/50 |
| STANDARD | AS/NZ60974-1 |
| WELDS | Mild Steel, Stainless Steel, Cast Iron, Silicon Bronze, Copper, Aluminium, Zinc Alloys |
| WARRANTY (Years) | 3 |

| TIG SPECIFICATIONS | |
|-----------------------------|----------------------------|
| TIG FUNCTION TYPE | AC/DC HF TIG & AC/DC Pulse |
| TIG WELDING CURRENT RANGE | 10-200A |
| TIG DUTY CYCLE @ 40°C | 25% @ 200A |
| TIG WELDING THICKNESS RANGE | 1mm - 8mm |

| AC/DC TIG PARAMETERS | |
|----------------------|-----------|
| PRE GAS | 0.1-3.0s |
| START AMP | 10-200A |
| UP SLOPE | 0-10s |
| PEAK AMP | 10-200A |
| AC SQUARE WAVE | 20-250Hz |
| AC BALANCE CONTROL | ±10 |
| DOWN SLOPE | 0-15s |
| FINISH AMP | 10-200A |
| POST GAS | 0.5-15.0s |
| PULSE FREQUENCY | 0.2-200Hz |
| PULSE WIDTH | 10-90% |
| SPOT | 0.5-10s |

| STICK SPECIFICATIONS | |
|-------------------------------|------------|
| STICK WELDING CURRENT RANGE | 10-160A |
| STICK DUTY CYCLE @ 40°C | 30% @ 160A |
| STICK ELECTRODE RANGE | 2.5-4.0mm |
| STICK WELDING THICKNESS RANGE | 2mm - 12mm |
| ARC FORCE | 0-40 |

| SIZE & WEIGHT | |
|-----------------|---------------|
| DIMENSIONS (mm) | 426x162x326mm |
| WEIGHT (kg) | 10kg |

| MACHINE FEATURES | |
|-----------------------------|----------------|
| VRD | Yes |
| FOOT CONTROL READY | Yes (UTJCFC-4) |
| CRATER CURRENT CONTROL | Yes |
| THERMAL OVERLOAD PROTECTION | Yes |