UNIMIG

RAZOR COMPACT 250

FEATURES



HD Backlit Interface

Experience a new level of convenience with our next-generation interface panel. With its vibrant and easy-to-read display, you'll be able to effortlessly navigate and customise your welding settings in any lighting condition.

Synergic MIG Control

Say goodbye to complicated and time-consuming setup with our innovative Synergic MIG control. This cutting-edge technology automatically adjusts your welding settings based on your wire type, gas, wire size, and material thickness, ensuring precise and efficient results every time.

Digital Control MIG Torch

The ultimate solution for welders seeking unprecedented control and precision in their work. No more hassle of constantly adjusting your settings on a separate control panel. With our leading technology, you can easily fine-tune your amps, wire speed, and voltage right on the MIG torch itself.

Push-Pull Gun Ready

Achieve smooth and steady wire feeding, especially when using softer wires such as aluminium. With a 'Pull' motor built into the torch, the wire can be fed over a greater distance, granting you the freedom to move and manoeuvre with ease while MIG welding.

Spool Gun Ready

Attach a Spool Gun to run softer core wires such as aluminium MIG wire. You don’t even need to change the setup of your existing torch or drive rollers.

Gas & Gasless MIG

Our welding machine supports both gas-shielded and gasless MIG wire, allowing you to tackle a wide variety of welding projects with ease. Whether you're working with mild steel, stainless steel, aluminium, or flux-cored wire, our machine has got you covered.

4 Geared Wire Drive

Experience smooth and consistent wire feeding with our advanced 4 geared roller drive unit. This feature ensures that your wire is fed consistently and accurately, even when using longer MIG torches.

Multi-Process Welding

Get the job done quickly and efficiently with our versatile three-in-one welding machine. With the ability to perform MIG, TIG, and STICK welding all in one unit, you can save valuable time and effort without sacrificing quality.

Foot Control Ready

Enjoy greater control and precision with our optional foot control accessory. This handy feature allows you to easily adjust your TIG amperage on the fly, without interrupting your torch movement.

Trigger Controlled DC Lift Arc TIG

With Trigger Controlled DC Lift Arc ignition, starting your welding projects has never been easier. Our Lift Arc TIG technology ensures that your tungsten tip won't stick to the workpiece, preventing costly tip breakages.

Smart Fan

Our advanced Smart Fan technology reduces noise, saves power, and minimises contaminants, making it the perfect choice for any welding environment.

Advanced MMA Features

The RAZOR COMPACT 250 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.

RAZOR COMPACT 250

SPECIFICATIONS

Technical Data

Parameter	Values
SKU	U11010K
Primary Input Voltage	240V Single Phase
Supply Plug	15 AMP
Ieff (A)	15
Rated Output	30A/15.5V - 250A/26.5V
No Load Voltage (V)	65
Protection Class	IP23S
Insulation Class	H
Minimum Generator (kVA)	11.0
Dinse Connector	35/50
Standard	AS/NZ60974-1
Warranty (Years)	5

MIG Specifications

MIG Welding Current Range	30-250A
MIG Duty Cycle @ 40°C	20% @ 250A 60% @ 144A 100% @ 112A
MIG Welding Thickness Range	1-12mm

TIG Specifications

TIG Function Type	DC Lift Arc
TIG Welding Current Range	5-250A
TIG Duty Cycle @ 40°C	20% @ 250A 60% @ 144A 100% @ 112A
TIG Welding Thickness Range	1-10mm

STICK Specifications

STICK Welding Current Range	20-220A
STICK Duty Cycle @ 40°C	20% @ 220A 60% @ 127A 100% @ 98A
STICK Welding Thickness Range	2-12mm

Size & Weight

Dimensions (mm)	900×480×760
Weight (kg)	41.3

Capable Welding Material Types By Welding Process

Mild Steel, Stainless Steel, Aluminium, Silicon Bronze

TIG: Mild Steel, Stainless Steel, Copper, Silicon Bronze

MMA: Mild Steel, Stainless Steel, Cast Iron