

ENVY TIG230 AC/DC



SKU: U11024

Filled with the latest TIG technologies, this professional-grade TIG welder produces superior welds every time.

- First-of-its-kind, next-generation silicon carbide MOSFET technology
- Extra control with advanced TIG parameters
- Maintain a stable arc as low as 2A

Package Contents:

- ENVY TIG 230 AC/DC Welder
- 8m T2 TIG Torch
- 4m Twist Lock Electrode Holder
- 4m 300A Earth Clamp & Lead
- Argon Flowmeter Regulator
- 1.8m Quick-Connect Gas Hose
- Operating Manual

Technical Data

Parameter	Values
SKU	U11024
Primary Input Voltage	240V Single Phase 50/60Hz
Supply Plug	15A
I _{eff} (A)	14.8A (15A)
I _{max} (A)	29.3A
Rated Output	2-230A
Open Circuit Voltage (OCV)	100V
OCV with VRD Active (V)	8.5V
Voltage Reduction Device (VRD)	Yes, on MMA Mode
Protection Class	H
Insulation Class	IP21S
Minimum Generator (kVA)	8.0
Dinse Connector	35/50
Standard	AS 60974.1
Welds	TIG: Aluminium, Magnesium, Zinc Alloys, Mild Steel, Stainless Steel, Copper, Silicon Bronze, Titanium MMA: Mild Steel, Stainless Steel, Cast Iron
Warranty (Years)	5

TIG Specifications

Parameter	Values
TIG Function Type	AC/DC HF TIG & AC/DC Pulse
TIG Welding Current Range	2-230A
TIG Duty Cycle @ 40°C	35% @ 230A 60% @ 176A 100% @ 136A
TIG Welding Thickness Range	1-12mm

MMA Specifications

Parameter	Values
STICK Welding Current Range	10-200A
STICK Duty Cycle @ 40°C	20% @ 200A 60% @ 115A 100% @ 90A
STICK Electrode Range	2.5-4.0mm
STICK Welding Thickness Range	2-12mm

Size & Weight

Parameter	Values
Dimensions (mm)	680x210x395mm
Weight (kg)	20.6kg