

GYS TITANIUM 230 AC-DC HF-FV - Saldatrice TIG

Product price:

2.918,00 € tax excluded



Product description:

GYS TITANIUM 230 AC-DC HF-FV - TIG welder

GYS TITANIUM 230 AC/DC FV: High performance TIG AC/DC welder with advanced features

The TITANIUM 230 AC/DC FV is a state-of-the-art single-phase welder designed to offer industrial-level TIG AC/DC welding performance. Equipped with state-of-the-art technology and numerous advanced features, this machine is ideal for professional welders who demand maximum precision, control and versatility.

Key features:

Adjustable welding current: Up to 230 A (in DC) and 200 A (in AC) for powerful and versatile welding.

Built-in power factor correction (PFC): Ensures optimised energy efficiency and compatibility with unstable networks.

Full welding modes: DC Standard, DC Pulsed, FastPulse, AC Standard, AC Pulsed and AC Mix to suit all types of materials and applications.

Patented synergic mode: Simplifies parameter setting for optimal welding of aluminium, steel, stainless steel and copper.

Precise arc control: Fine adjustment of penetration, weld bead shape and arc stability.

E-TIG mode: Maintains constant welding power regardless of torch position.



Advanced functionalities:

Wizard Lab: Allows the creation of complex, customised welding cycles.

4 tack modes: Spot, Multi Spot, Tack and Multi Tack for precise joint preparation.

3 trigger types: Lift, HF and Touch.HF for greater flexibility and ease of use.

3 torch trigger controls: 2T, 4T and 4T LOG for precise control of the welding process.

AC waveform parameterisation: Optimises arc control and penetration in AC welding.

Accurately measured energy input: Traceability of all weld beads according to EN 3834.

Welding accessory calibration mode: Refines energy calculation for greater accuracy.

Technical characteristics:

Technology: TIG MMA

Welding processes: TIG (DC & AC), MMA

Supply voltage: 110 V - 1~

Supply current: 32 A - 16 A

I2 TIG DC: 5 - 140 A|

I2 TIG DC: 5 - 230 A

I2 TIG AC: 3 - 230 A

I2 TIG AC: 5 - 140 A

I2 TIG MMA: 5 -230 A

I2 TIG MMA: 5 - 140 A

Mains frequency: 50/60 Hz

Reference standards: EN 60974-1 (40°C) for TIG and MMA

TIG DC PULSE:0.1 - 2.5 kHz

TIG AC PULSE: 0.1 - 500 Hz

MMA PULSE:0.4 - 20 Hz

Weight: 22.4 kg

Degree of protection: IP 23

Power consumption: 8.5 kVA

Dimensions: 49 x 26 x 44 cm

Looking for a portable welding machine with different features? Here you can find the whole range of HELVI or other specialized brands

Images and technical data are not binding and may be subject to revision by the supplier





Product features:

Phase: Single phase

Frequency (Hz): 50 / 60

Voltage (V): 110 / 230

Protection degree: IP23

Product dimensions (mm): 490 x 260 x 440

Regulation current (A): 110V - I2 TIG DC: - 5-140A - 100V I2 TIG AC: 3-140 -110V I2 MMA:
5-140 / 230V I2 TIG DC: 5-230A - 230V I2 TIG AC: 3 230A - 230V I2 MMA: 5-230A

Type of welding: MMA / MIG

Weight (Kg): 22.4

Maximum input power (KW): 8.5

EN 60974-1 (40°C) 110V: TIG AC/DC: IA (60%) 140A - X% (I2 max) 100% - 100% 140A / MMA:
IA (60%) 130A - X% (I2 max) 50% - 100% - 105A

EN 60974-1 (40°C) 230V: TIG AC/DC: IA (60%) 190A - X% (I2 max) 35% - (100%) 160A / MMA:
IA (60%) 160A - X% (I2 max) 35% - (100%) 130A

