



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

Reference: 075924

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 GYS TITANIUM 230 AC/DC FV is a state-of-the-art single-phase welder designed to offer industrial-level GYS - TIG AC/DC performance. Gys 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 GYS TITANIUM 230 AC/DC FV:

GYS - 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.

GYS - 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.

GYS 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 GYS TITANIUM 230 AC/DC FV:

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.

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

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

Technical characteristics GYS TITANIUM 230 AC/DC FV:

Technology GYS
 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 GYS or other specialized brands

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

Technical Sheet

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
Video	1l_-2-aGtmw
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