



## 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