



## GYS TIG250 AC-DC WELDER TIG-MMA

Reference: 012004

### GYS TIG250 AC-DC TIG-MMA WELDER

The GYS TIG250 AC-DC TIG-MMA welder is a high-performance inverter welder designed to meet the needs of professionals working in challenging industrial environments. This GYS TIG250 AC-DC offers remarkable versatility thanks to its ability to weld in alternating current (AC) and direct current (DC), making it ideal for a wide range of materials, including steel, stainless steel, copper, and aluminum.

#### Main Features of GYS TIG250 AC-DC TIG-MMA Welder:

**Adjustable Welding Power:** The GYS TIG250 AC-DC allows for current adjustment from 10 to 250 A in AC and from 5 to 250 A in DC, ensuring optimal results for various thicknesses and types of materials.

**Advanced Welding Modes:** It offers both a synergistic mode, which automatically suggests optimal welding parameters, and a manual mode, which allows saving up to 250 custom configurations for professionals who desire complete control over their work.

**Innovative Cooling Technology:** The machine features a Fanless cooling system, eliminating the use of fans, thus protecting the electronics from dust and contaminants while improving durability over time.

**MMA Function:** It also supports electrode welding up to 230 A, making the GYS TIG250 AC-DC a versatile TIG-MMA welder, perfect for applications requiring different welding techniques.

**5.7" TFT Screen:** The intuitive user interface provides a clear display of welding parameters, making it easier to navigate through various menus and settings.

The GYS TIG250 AC-DC TIG-MMA Welder integrates the CONNECT-5 system, a simple and advanced automation that operates exclusively in TIG AC or DC mode. This system allows the recall of pre-programmed welding configurations, optimizing the transition between two welding seams. It is designed to simplify the operator's work by disabling the manual controls of the torch and enabling the management of up to 5 internal programs via remote control (manual or pedal-operated).

The CONNECT-5 also adjusts the current with a precision of up to  $\pm 15\%$ , refining the welding quality in real-time. Additionally, the system automatically recognizes the machine without requiring manual intervention, enhancing the ease of use and efficiency of the GYS TIG250 AC-DC.

#### Technical Specifications of GYS TIG250 AC-DC:

Maximum Power: 10 kW for the TIG mode and 12.5 kVA for the MMA mode, ensuring high performance even during prolonged operations.

Dimensions: 34 x 64 x 67 cm, weighing 58 kg, designed to be robust yet manageable.

Three-phase Power Supply 400V: Allows for adequate power delivery for intensive work.

IP23S Protection: The structure is designed to withstand dust and water splashes, making it ideal for use on construction sites.

The GYS TIG250 AC-DC is the ideal choice for anyone looking for a reliable and powerful TIG-MMA welder capable of handling a variety of industrial applications. Its combination of high performance, ease of use, and robustness makes it an indispensable tool for every welding professional.

Looking for a portable welding machine with different features? [Here](#) you can find the whole range of GYS or other specialized brands

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## Technical Sheet

Phase	Three phase
Frequency (Hz)	50 / 60
Voltage (V)	400
Protection degree	IP23S
Product dimensions (mm)	340 x 640 x 670
Regulation current (A)	400V I2: TIG AC: 10-250 / TIG DC: 5-250
Amp. 60974-1 (40°)	400V Ia(60%): TIG: 250 / MMA: 230 X%(I2 max)TIG: 60% / MMA: 40%
Type of welding	MMA / MIG
Weight (Kg)	58
Maximum input power (KW)	7.5