



GYS PROTIG 161 DC HF TIG-MMA WELDER

Reference: 062054

GYS PROTIG 161 DC HF TIG WELDER

GYS PROTIG 161 DC HF WELDING MACHINE is a compact and versatile welding machine designed for craftsmen and hobbyists who want a high quality machine for TIG and MMA welding work. With its secondary adjustment, the GYS PROTIG 161 DC HF WELDING MACHINE guarantees optimum arc stability and constant current in all positions, ensuring precision welding results on a variety of materials.

Main features GYS PROTIG 161 :

- GYS - TIG DC process: For high quality welding on mild steel, stainless steel, copper and copper alloys.
- Pulsed DC TIG process: Controls the temperature of the melt pool, limits deformation and protects thin sheets (from 0.3 mm).
- GYS - SPOT function: Fast and precise tip for joining thin sheets.
- 2 trigger types:
 - HF (high frequency): Non-contact trigger for clean and precise ignition.
 - LIFT (contact): Contact trigger for electrosensitive environments.
- 3 trigger modes: 2T, 4T, 4T LOG
- GYS - Automatic torch detection: Compatible with reed torches (French button) and double button.
- MMA process: For welding with basic and rutile electrodes (up to Ø 4 mm).
- Pulsed MMA process: Facilitates vertical welding on pipes and tubes.

3 welding aids GYS:

- Antisticking: Reduces the risk of sticking of the electrode.
- Hot Start: Facilitates ignition and adjusts to the type of metal.
- Arc Force: Instant current boost for better penetration.

Additional features GYS PROTIG 161:

- Current and voltage display: During and after welding for precise parameter control.
- Storage of 10 programmes: For each process for perfect weld reproducibility.
- Intelligent ventilation management: Reduces energy consumption, dust extraction and noise.

- Reinforced casing and shockproof feet: For greater strength and stability.
- Lightweight (7.5 kg) and compact: Easy to transport and use on site.
- Overvoltage protected up to 400 V (PROTEC 400): For increased safety and reliability.
- The GYS PROTIG 161 DC HF is the ideal choice for craftsmen and hobbyists looking for a versatile, powerful and easy-to-use welding machine.
- its many functions and features, this machine is able to meet the most demanding welding needs.

Technical features GYS PROTIG 161:

Technology GYS
Processes: TIG, MMA
Supply voltage: 230 V - 1~
Supply current: 16 A
I2 TIG: 10 - 160 A
I2 MMA: 10 - 160 A
Mains frequency: 50/60 Hz
Reference standard: EN 60974-1 (40°C)
TIG:
IA (60%): 105 A
X% (I2 max): 20
100%: 95 A
MMA:
IA (60 %): 95 A
X% (I2 max): 15
100%: 80 A
Weight: 7.5 kg
Degree of protection: IP 21
Power consumption: 6 kW
Apparent power: 7.5 kVA
weight: 7.5 kg
Dimensions: 36 x 16 x 28 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)	230
Protection degree	IP21
Product dimensions (mm)	360 x 160 x 280
Regulation current (A)	10 ÷ 150 A
Amp. 60974-1 (40°)	105 A - 20 % - 95 A - 95 A - 15 % - 80 A
Type of welding	MMA / MIG
Weight (Kg)	0.4
Maximum input power (KW)	6