

Equipped with the latest electronic technology and a robust design, the GYSMI E163 ensures professional welding on steel, cast iron and stainless steel up to 10 mm thick. It is also equipped with 3 welding processes MMA, MMA Pulse and TIG lift offering welds with the finest finish thanks to its very soft fusion.

## 3 WELDING MODES

- **MMA** : Welds with great ease most coated electrodes: steel (rutile and basic), stainless steel and cast iron (up to Ø 4.0 mm).
- **MMA PULSE** : For vertical upright welds.
- **TIG Lift** : For fine sheet metal work.

## WELDING AIDS



**Hot Start** (*adjustable*) :  
Adjustable overcurrent on ignition when the electrode comes into contact with the workpiece. Eliminates the risk of sticking when the electrode and the workpiece are cold.



**Arc Force** :  
Provides overcurrent if needed to maintain the arc.



**Antisticking** :  
Reduces the risk of the electrode sticking if it comes into contact with the workpiece.



**MMA Pulse** (*adjustable*) :  
Ideal for vertical upright welding position. Frequency can be adjusted.



**TIG Lift** (*adjustable*) :  
Facilitates start-up to obtain a quality weld bead. A simple upward movement of the wrist triggers the automatic downslope and the weld is completed smoothly and cleanly.

## SECURITIES

- Optimised station cooling with thermal protection.
- Has 2 ventilation speeds (operation / no-load).
- Protected against overcurrents.
- Compatible with generator set.

## ULTRA PORTABLE

- Low weight of the generator (4.6 kg).
- Very small volume (12x21x27 cm), it can be stored anywhere (shelf, maid, etc.).
- 1 shoulder strap handle for easy transport.



Delivered in a pack with :  
- Ground cable (1.6 m / Ø 16 mm<sup>2</sup>)  
- Electrode holder (2 m / Ø 16 mm<sup>2</sup>)  
- LCD Mask TECHNO 9-13 TRUE COLOR

## LCD TECHNO 9-13 ÆGTE FARVE

- **High quality** : UV/IR protection DIN 15  
Field of view: 92 x 42 mm
- **Complete weight** : 440 g
- **Power supply** : Solar only

**Filter** :  
- Pale colour tone: Shade 4  
- Dark shade: Shade 9/13  
- Response time to ignition ≤ 0.3 ms  
- Ideal MMA/MIG-MAG: from 5 to 400 A  
- Ideal TIG : from 5 to 300 A

50/60 Hz	-AM-	I <sub>2</sub>							EN60974-1 (40 °C)		U <sub>0</sub>				
		TIG	MMA	Ø1,6	Ø2	Ø2,5	Ø3,2	Ø4	Ø5	I <sub>A</sub> (60 %)					X% (I <sub>2</sub> max)
230V 1~	16A	10-160A		62	50	47	45	23	-	90A	160A 14 %	72V	40x34x30/6	6 kW 7,5 kVA	Tested against overvoltages up to 400 V, can be used with a power generator thanks to Protec 400 technology.