

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

3 WELDING MODES

- **MMA:** Easily welds most coated electrodes: steel (rutile and basic), stainless steel and cast iron (up to Ø 4.0 mm).
- **MMA PULSE:** For rising vertical welds.
- **TIG Lift:** For meticulous work on thin sheet metal.

WELDING AIDS



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



Arc Force:
Provides overcurrent when needed to maintain the arc.



Antisticking:
Reduces the risk of electrode sticking when in contact with the workpiece.



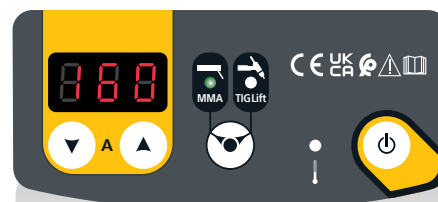
MMA Pulse (*adjustable*):
Ideal for upright welding positions. Frequency can be adjusted.



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



- Supplied in a suitcase with :
- Earth cable (1.6m / Ø16mm²)
 - Electrode holder (2m / Ø16mm²)



- **Intuitive** control panel with **digital display**.
- Choice of **TIG Lift** or **MMA mode** (single or pulsed).
- Adjustable welding current (10 > 160 A).

OPTION (ref 087583):
TIG TORCH

- Cable length 4 m
- 10/25 mm² connector



SAFETY

- Optimised station cooling with thermal protection.
- 2 fan speeds (on/off).
- Protected against overcurrent.
- Compatible with generator set.

ULTRA PORTABLE

- Lightweight power source (4 kg).
- Extremely compact (26x19x13 cm), it can be stored anywhere (shelf, trolley, etc.).
- 1 handle with shoulder strap makes it easy to move.

50/60Hz	AM	I ₂		EN60974-1 (40°C)						U ₀	cm/kg	Protected & compatible POWER GENERATOR (+/- 15%)	PROTEC 400		
		TIG	mma	Ø1,6	Ø2	Ø2,5	Ø3.2	Ø4	Ø5					I _A (60 %)	X% (I ₂ max)
230 V 1~	16 A	10-160 A		62	50	47	45	23	-	85 A	160 A 14 %	72V	26 x 19 x 13 / 4	7.5 kVA	Tested against overvoltages up to 400V, it can be used with a power generator thanks to the Protec 400 technology.