

Equipped with the latest electronic technology and designed to be robust and durable, the IMS 183 E will deliver professional welding results on steel, cast iron and stainless steel up to 10 mm. It is designed to perform 3 types of welding process MMA, Pulse MMA and LIFT TIG. The very soft weld arc ensures a perfect finish.

3 WELDING MODES

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

WELDING FEATURES

- Hot Start** (adjustable) : Adjustable higher amperage when the electrode first comes into contact with the metal. Prevents the electrode from sticking when the metal or the electrode are cold.
- Arc Force** : Increases the amperage when required to keep the arc stable.
- Antisticking** : Prevents the electrode from sticking when in contact with the metal.
- MMA Pulse** (adjustable) : Ideal for vertical rising welding position. Optional frequency adjustment.
- TIG Lift** (adjustable) : Lift arc ignition A simple movement of the wrist starts the automatic downslope to ensure a smooth and clean welding finish.

PROTECTIONS

- Optimised machine cooling with thermal protection.
- 2 different cooling fan speed options to choose from (during welding or not).
- Protected against overcurrent.
- Compatible with generators.

ULTRA PORTABLE

- Very lightweight (4.9 kg).
- Very Compact (14x19x38 cm), it can be stored anywhere (shelf, servant, etc.)
- 1 handle makes it easy to move around.



- Supplied with:
- Earth cable (1.6 m / Ø 16 mm²)
 - Electrode holder (2 m / Ø 16 mm²)



- Intuitive control panel with digital display
- Choice between LIFT TIG or MMA modes (standard or pulse).
- Welding power range (10 > 180 A).

OPTION (ref 044425):
 TORCH TIG
 - Long cable. 4 m
 - Connector 10/25 mm²



50/60hz	AM	I ₂							EN60974-1 (40°C)	U ₀	cm/kg	Protected & compatible POWER GENERATOR (+/- 15%)	
		TIG	MMA	Ø1.6	Ø2	Ø2.5	Ø3.2	Ø4	Ø5	I _A (60%)			X% (I ₂ max)
230V 1~	16A	10-180A	62	50	47	45	23	-	120 A	180 A 18%	73V	47x37x17 8.3	7 kW 10 kVA