

IMS 200 E FV CEL

MMA 10 ▷ 200A

Ref: 030893



INVERTER TECHNOLOGY, MICROPROCESSOR CONTROLLED WELDING UNIT WITH KEYBOARD AND DIGITAL DISPLAY. MULTI-PURPOSE EQUIPMENT, WILL WORK ON A 16A-230V - POWER SUPPLY EVEN FOR INTENSIVE USE.

MMA

With its high duty cycle and revolutionary arc dynamics, it will weld any kind of electrodes ($\varnothing 1.6$ à 5 mm): steel, stainless steel, cast iron, rutile, basic or cellulosic. This product ensures a stable arc with a constant intensity and features the following technology:

- ✓ **Anti-Sticking**
- ✓ **Adjustable Hot Start:** Makes it easier to arc with any type of metal (Low Hot Start: For thin metal sheets – high Hot Start for metals that are difficult to weld such as dirty or oxidized sheets)
- ✓ **Adjustable Arc force:** For better penetration and prevention of sticking.

TIG LIFT

Equipped with a TIG torch with valve (option), this machine ensures you to have a smooth welding line.

- ✓ **TIG Lift:**
The arc is created by touching the metal with the tungsten electrode - avoiding tungsten inclusions and radio electrical disturbances.
- ✓ **Automatic arc release:**
This innovative function allows the operator to finish welding without creating craters. The time is adjustable and the function is activated by a movement of the torch.



Included:

- Earth clamp (3m/ \varnothing 25mm²)
- Electrode holder (3m/ \varnothing 25mm²)

OPTION (ref 044401):

- TIG TORCH
- Length: 4 m
- Connector 35/50 mm

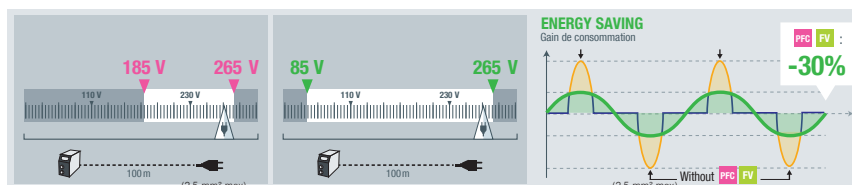


IN ANY SITUATION

This unit is suited for work in any situation (extension lead for on-site work or use on generators) with 2 technical features to manage the current:

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE



IMS 200 E FV CEL has a powerful integrated PFC and features FLEXIBLE VOLTAGE (85-265V).

The PROGYS 200E will function on a standard 230V-16A / 110V- 32A, even during intensive use with long extension leads (100m).

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	16A	5▷200A	10▷200A	62	50	47	45	38	30	135A	25%	108V	16x36x27	7 kW
110V	32A	5▷140A	10▷120A							90A	40%		7	8.75 kVA