

IMS 2000 FV

Réf. 031692

MMA - TIG LIFT

MMA Ø electrodes 1.6 ▶ 5.0 mm

Flexible Voltage 85-265 V

Inverter technology, microprocessor controlled welding unit.

Touch button controls and digital display panel.

Flexible Voltage Technology enables the IMS 2000FV to be used on any power source from 85V up to 265V. Supplied with professional cables (DINZE 35/50), the IMS 2000FV ensures perfect welding with all types of electrode (steel, stainless steel, iron...)



« Flexible Voltage » technology

The IMS 2000FV is designed for use on main power between 85 and 265V.

MMA (200A)

With its high duty cycle and revolutionary arc dynamics, it will weld any kind of electrode: steel, stainless steel, cast iron, rutile or basic. This product ensures a stable arc with a constant intensity.

Product Features:

- Anti-Sticking function
- Adjustable Hot Start: - 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: ensures a better penetration and avoids sticking.

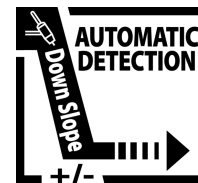
TIG LIFT (200A)

Easy start thanks to the TIG Lift feature.

TIG Lift feature avoids tungsten inclusions and radio electrical disturbances.

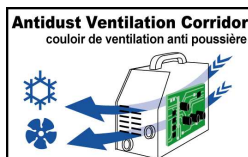
To ensure a smooth welding line, the IMS 2000FV includes an innovative « arc down slope » function with :

- Automatic release - with a simple movement of the torch
- Adjustable down slope



PROFESSIONAL DEVICE

Ventilation Corridor to protect electronics against dust



- Extra protection for use with generators and against voltage surge up to 400V (100% factory test) **PROTEC**

• Protection rating IP23 (dust and rain), IMS 2000FV Is well adapted for outdoor and on-site work.

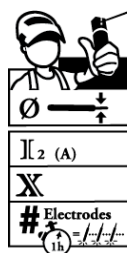
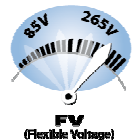
- Supplied with plastic case, cables, electrode holder and earth clamp (4M- 35mm² - dinze 35/50).

Integrated Power Factor Correction

• The PFC technology regulates and uses the power supply more efficiently.

- The IMS 2000FV offers an outstanding power on a 16A-230V socket, even with intensive use, providing similar power to other machines without PFC on a 32A-230V socket, **and on UK 13A power supplies will provide high duty cycle welding with 4mm electrodes.**

• Ideal for use on extension cables for on-site work: the PFC compensates for current drops



NORMAL USE

Ø	230 V • 20°C						110 V • 20°C			
	1,6	2	2,5	3,2	4,0	5,0	1,6	2	2,5	3,2
I ₂ (A)	40	55	80	115	160	200	40	55	80	115
X	100%	100%	100%	100%	85%	40%	100%	100%	100%	100%
# Electrodes	62	50	47	45	32	15	62	50	47	45

50/60 HZ V	A	Ø mm	MMA				TIG				U ₀ V	U _{ocv} START VOLTAGE V	CE mm ²	IP	CE NORMA	cm	kg
			I ₂	I _A (60%)	X% (I _f max)	X% (I _f max)	I ₂	I _A (60%)	X% (I _f max)	X% (I _f max)							
230	16	1,6>5	10A > 200	120	20	135	30	5A > 200	67	85	35/50	23	60974-1	43,5x26	7,9		
115	32	1,6>3,2	10A > 120	85	24	105	20	5A > 160					61000-3-12	x36			

