

## IMS TIG 200 DC HF FV

**TIG DC 5A ▶ 200A - FLEXIBLE VOLTAGE 85-265V**

**Ideal for maintenance, pipe fitters, boiler maintenance.**

**Welds: Steel, Stainless Steel and Copper**

Microprocessor controlled inverter welding machine with digital control panel.

### TIG 200A

#### ✓ Start-Up :

- 2 functions : HF (without contact), or TIG LIFT (with contact)
- Integrated: «Adjust Ideal Position»



The system helps you to position the electrode before the current increases. A weak intensity is delivered, acting like a « light beam ». (available in 4T and 4Tlog)

#### ✓ 3 Trigger Modes :

- 2 Times
- 4 Times
- 4 T "LOG" : The user can choose between 2 welding currents (Hot / Cold) at any time by a short press on the torch trigger.

#### ✓ Automatic Torch Detection :

The machine is compatible with a standard or double button torch, with, or without an integrated potentiometer.

#### ✓ 3 Parameters - DC :

- TIG : Settings : pre-gas / current increase / intensity (1 or 2 current settings are possible in 4Tlog mode)/ post-gas / current decrease.
- TIG Pulse : Easy Pulse Mode : The user defines the average welding current. The machine will automatically determine the frequency and the hot/cold current.  
Normal Mode : The user defines the hot and cold current and the pulse frequency (0.2 HZ to 20 HZ)
- TIG Spot : Spot welding to prepare the piece before completing the weld.

#### ✓ 5 Memory Settings : To save selected welding parameters.

#### ✓ « Remote Control » : For connection of Foot-Pedal (ref.045682) or a remote control (ref. 045675).



**IMS TIG 200 DC HF**

Ref.011380

Without accessories

Ref 011397

With Torch SR17DB MMA kit (excluding Manometer)

### MMA 200A

- ✓ Welds steel, stainless steel, cast iron, rutile or basic electrodes.
- ✓ The product features Anti-Sticking, Hot Start and Adjustable Arc Force.

Protected & compatible  
Mini : 7 kW (8,75kVA)



### PROFESSIONNAPL APPLIANCE



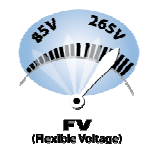
Ventilation corridor to protect the electronics from dust

### High-tec POWER SUPPLY

The TIG 200 DC has a powerful integrated **PFC** and features **FLEXIBLE VOLTAGE** (85-265V).

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

The IMS TIG 200 DC is also compatible for use on generators, and has a surge protection of up to 400V (factory tested)



### NORMAL USE 20°C

mm	1	2	3	4	5	6	<
I <sub>2</sub> (A)	30	60	90	120	160	180	200
X (G <sub>75</sub> )	100%	100%	100%	100%	85%	55%	23%
110V					51%	37%	
230V							

50/60 HZ V	I <sub>A</sub> (A)	I <sub>2</sub>	X <sub>IMS</sub> 20°C For normal use	EN60974-1 (40°C) I <sub>A</sub> (80%) X <sub>%</sub> (I <sub>2</sub> max)	MMA Ø mm	U <sub>0</sub> V	IP	cm	kg	
230 1ph	13	TIG DC 5>200 A MMA 10>200 A	23% @ 200 A 40% @ 200 A	140 30 125 20	1,6>5	35/50	76	23	42 x 15 x 31	10 14,3 (with access.)
110 1ph	32	TIG DC 5>180 A MMA 10>120 A	37% @ 180 A 100% @ 115A	115 26 90 30	1,6>3,2					