

# IMS TIG 200 DC HF

## HF TIG WELDING MACHINE (5 ▷ 200A)

Ref: 011397



This industrial TIG is designed to weld steel, stainless-steel and copper alloys. Its technology and features allow welding with extreme accuracy in TIG and with the capability to weld cellulosic electrodes in MMA.

### DISPLAY

Digital control panel for an easier use.  
Up to 5 memory settings to save chosen welding parameters.

### TIG 200 DC

#### ✓ Start-Up:



Adjust  
Ideal  
Position

- 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:

Possibility to connect a simple or double button torch, with or without built-in 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.

#### ✓ « Remote Control »:

For connection of Foot-Pedal (ref. 045682) or a remote control (ref. 045675).



#### Unit supplied with accessories:

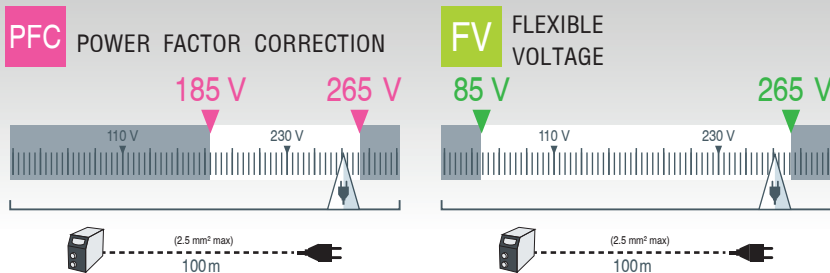
- TIG torch SR17DB (8m)
- consumables box
- earth clamp (2m / ø 25mm<sup>2</sup>)
- electrode holder (2m / ø 25mm<sup>2</sup>)

#### Also available without accessories (ref. 010970)



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

### HIGH-TEC POWER SUPPLY



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

The TIG 200 will function on a standard 230V-13A / 110V- 32A, even during intensive use with long extension leads (100m).

50/60hz	TIG AC	I <sub>2</sub>			EN60974-1 (40°C)		U <sub>0</sub>	cm/kg	Protected & compatible POWER GENERATOR (+/- 15%)
		TIG DC	MMA	I <sub>A</sub> (60%)	X% (I <sub>2</sub> max)				

230V 1~	13A		5-200A	10-200A	140A	30%	76V	35/50	42x15x31 / 12	7 kW
110V 1~	32A		5-180A	10-120A	115A	26%				

CE - EN 60974-1

www.ims-welding.com

MADE in FRANCE