

IMS TIG 200 L AC/DC HF WELDING MACHINE TIG (5 ▷ 200A)

Ref: 011915



Designed to weld:

- Aluminium
 - Steel
 - Stainless steel
- TIG AC : 10A ▷ 200A
TIG DC : 5A ▷ 160A
MMA : 10A ▷ 160A

INTERFACE

From the INVERTER technology, the TIG 200 L AC/DC is controlled by a micro-processor with a digital panel.

5 Memories : To save settings.

TIG 200 L

✓ Starting Up:



Adjust
Ideal
Position

- 2 possibilities: HF without contact or LIFT with contact
- Integrated Automatism: «Adjust Ideal Position»

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

✓ 3 trigger mode:

- 2 Times
- 4 Times
- 4 Times «LOG»: The operator can choose at any moment by shortly pressing the trigger 2 welding current.(Hot current and cold current).

✓ Automatic Torch Detection:

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

✓ 3 AC/DC mode:

- **TIG:** Common settings AC and DC: pre-gas / current increase / intensity (1 or 2 intensity possible in 4Tlog mode)/ Post-gas / down slope.
Specific settings for AC:
 - Balance (20 à 60 %) cleaning / penetration
 - Frequency to localize the arc with precision (20 à 200 Hz)
 -> Manual or automatic (AC Easy function)
- **TIG Pulsed:** - **Easy Pulse Mode:** The operator sets the average welding current. The device automatically adapts the frequency, the hot current and cold current.
- **Normal Mode:** The operator sets the hot and cold current as well as the frequency.
- **TIG SPOT:** Allows to prepare parts by doing spot welding.

✓ Front plug for remote control:

To connect a foot pedal for TIG (ref.045682) or a manual remote control (ref.045675)

HIGH-TEC POWER SUPPLY

PFC PFC Technology

PFC regulates and effectively use the supply current which enables the unit to operate on a single phase 16A 230V outlet, even intensive use, whereas 32A-230V may be required for the same output without PFC. This machine is capable of being used with long extension leads (up to 100m).



Torch integrated liquid cooling system.

Supplied with accessories :

- TIG torch TIG SR20DB (8m)
- consumables box
- earth clamp (2m / ø25mm²)
- electrode holder (2m / ø25mm²)

Also available without accessories

- ref. 010963



MMA

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

Max 10m³
(50 l)



Trolley 10M-XL
ref. 041257
(option)

| | | | | | | | | | |
|---------|------|----------------|--------|---------|----------------------|-------------------------|----------------|-------|--|
| 50/60hz | -AM- | I ₂ | | | EN60974-1 (40°C) | | U ₀ | cm/kg | Protected & compatible POWER GENERATOR (+/- 15%) |
| | | TIG AC | TIG DC | MMA | I _A (60%) | X% (I ₂ max) | | | |
| 230V 1~ | 16A | 10-200A | 5-160A | 10-160A | 95A | 13% | 70V | 35/50 | 20x42x49 / 26 |
| | | | | | | | | 6 kW | 7.5 kVA |

CE - EN 60974-1

www.ims-welding.com

MADE in FRANCE