

TIG 300 DC HF

TIG DC - HF THREE PHASE (5 ▷ 300A)

Ref. 012455



Designed for professionals, the TIG 300 DC is adapted for complex TIG and MMA welding operations. Intuitive, this welder allows you to perform high quality welding operations on soft and stainless steel. Its proven technology provides excellent results to industries (Pipework, petrochemical, boilerwork).

OPTIMISED DC WELDING

- **TIG DC** : continuous current for ferrous metals.
- **TIG DC Pulsed** : limits temperature elevation of the welded pieces.
- **SPOT** : fast and precise spot welding, ideal before welding thin metal sheets.
- **2 types of start-up** : HF (without contact) or LIFT (with contact) for electro-sensitive environments.
- **3 trigger modes** : 2T, 4T and 4T LOG.
- **Automatic detection of the torch** : compatible with trigger, double button and potentiometer torches.
- **AIP** (Adjust Ideal Position) : helps to position the torch before welding (4T & 4T LOG modes).



Supplied without accessories

MMA WELDING

- **MMA** : Basic rutiles and cellulosic electrodes (up to Ø 5 mm).
- **MMA Pulse** : developed for welding pipes/tubes as well as upper vertical welding.

LIQUID cooling (option)

- **Water cooled torch**, for better comfort and access to difficult areas.
- **Automatic**, the cooling unit is controlled by the machine.
- **Easy connection** thanks to the two connectors inside the machine.

ERGONOMIC INTERFACE

- **Displays current/voltage** during and after welding (DMOS/QMOS).
- **Save 10 programs** for each process, for repetitive tasks.
- **Remote control** (optional pedal or manual) connectable without tools.
- **Connect 5 mode** to pilot the machine from a console or from an automaton (5 pre-saved program).



- **Clear and intuitive presentation.**
- **Quick adjustments on the front :**

- pre-gas / post-gas
- hot / cold current
- upslope time
- pulse frequency
- welding current
- downslope time

ULTRA COMPACT

- Reinforced panels & rubber pads.
- Light (21 kg), easy to move on-site.
- IP 23 classification for outside use.

ACCESSORIES

Cooling unit:



WCU 1kW B
032217

Torches 8m :



SR26 L
046184

SR20 DB
046146

Remote control :



Foot pedal - 4m / 3kg
045682



Manual - 8m / 1kg
032217



Trolley 10m³
039711



Hand trolley 10m³
039704

50/60 Hz	A	I ₂ TIG A	I ₂ MMA A	INTEGRATED TECHNOLOGY				TIG EN 60974-1 (40°C)	MMA EN 60974-1 (40°C)	U ₀ V	mm ²	cm	kg	IP	Protected & compatible power generator (+/-15%)
				PULSE	AIP	SR	CEL								
400V 3~	16	5 → 300	10 → 250	0.1 → 900 Hz	■	■	■	255A @ 60% 300A @ 35%	220A @ 60% 300A @ 30%	90	35/50	52x25x40	21	IP 23	10 kW 12.5 kVA