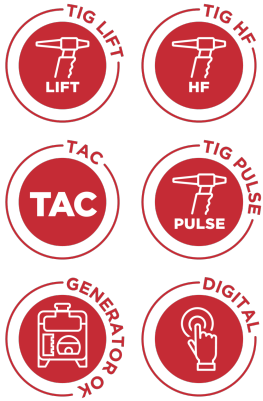


# ICONTIG 1990 HF PULSE

Ref. 04173



❓ The TIG welder ICONTIG 1990 HF PULSE by Solter is synonymous with **precision and advanced technology**. Designed to deliver **flawless welds**, even on the most demanding materials such as stainless steel and nickel alloys, this machine **ensures total process control** thanks to its **INVERTER technology and high-frequency pulsed arc**.

Its **compact, robust, and reinforced structure** is built to last, while its **intuitive digital display** allows for **precise power and pulse adjustments with ease**. Ideal for professionals seeking **high-quality results without complications**, the ICONTIG 1990 HF PULSE is an investment in **performance, durability, and energy efficiency**. Take your work to the next level with Solter!

## Main Features:

- ❓ **High-precision HF ignition:** Ensures a **contactless arc start**, preventing material contamination.
- ❓ **High-Frequency Pulsed TIG Mode:** Allows for **exceptional control of the weld pool**, reducing distortions and enhancing the weld's aesthetics.
- ❓ **Intuitive digital interface:** Quick and **precise adjustment** of all parameters thanks to its single control selector.
- ❓ **High-precision TACK mode:** Quick tacking with **full pulse control**, achieving uniform and aesthetic welds on thin sheets and delicate materials.
- ❓ **High energy efficiency (81%):** Optimal performance with **lower energy consumption**.
- ❓ **60% duty cycle at 160A:** Designed for long working hours without interruptions.
- ❓ **Smart ventilation:** Minimizes dust accumulation, **extending the equipment's lifespan**.
- ❓ **Compatible with electric generators:** Ideal for **outdoor work** or locations without stable power access.
- ❓ **Total protection system:** Includes **thermal sensors and voltage monitoring** to prevent overloads.
- ❓ The **ICONTIG 1990 HF PULSE** is designed for the most demanding professionals, ensuring precision, durability, and unmatched performance.

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## TECHNICAL DATA

Generals	
Intensity at 60%(100%) a 40°C	140A (110A)
Intensity MAX.	180A
Regulations	EN 60974-1, EN 60974-10
Regulation	10 - 180A
Duty Cycle at 40°C	45%

Technical	
Usable electrodes MMA	1,6mm - 4,0mm
Usable electrodes TIG	1,6mm - 2,4mm
Frecuencia de pulsado TIG	500Hz

Structural	
Dimensions	320x135x285 mm
Protection index	IP23C
Regulation board	iCONTIG "pulse"
Weight	4,9 kg
Ventilation	Doble / Double AUTO

Electrical	
Supply Voltage	230V-1ph
Fuse	16A
Absorbed power max.	6,5KVA
Voltage range	10-180A (10,4 - 17,2V)
OCV	80V

## OPTIONAL ACCESSORIES

Ref. 06009

**CONJ. 3m CU25mm 10-25  
ELE.200A**



Ref. 06034

**PEDAL AEROTIG**



Ref. 56246

**GAS REGULATOR R25  
AR/CO2**



Ref. 70608

**TORCH CONNECTOR SOLTER**

