

# ICONTIG 1880 HF

Ref. 04176



❓ The ICONTIG 1880 HF from Solter redefines professional welding with its advanced TIG DC technology and **high-frequency (HF) ignition**. Designed for those who demand **precision and stability**, this machine offers a current range of **10 A – 180 A** and an **optimized duty cycle**, ensuring reliable performance even in demanding conditions.

Su construcción robusta con **diseño DDR patentado** proporciona una mayor resistencia a impactos, mientras que su **peso ligero de solo 4,9 kg** facilita el transporte. La **compatibilidad con generadores eléctricos** y su **sistema de ventilación inteligente** lo convierten en la herramienta ideal para **mantenimiento industrial, fabricación metálica y trabajos en campo**. Invest in technology, quality, and efficiency with Solter.

## Main Features:

- ❓ **ARCSENSE Regulation:** Ensures **arc stability** at all times, allowing precise control between the electrode and the material.
- ❓ **HF and Lift-Arc Ignition:** Starts the **arc without contact**, preventing electrode contamination and ensuring a **clean and stable weld**.
- ❓ **Power and Performance:** Range of **10 A - 180 A in TIG** and **160 A in MMA**, with an **optimized duty cycle** of **45% at 180 A, 60% at 140 A, and 100% at 110 A**, ensuring precision and efficiency for long work sessions.
- ❓ **Advanced Functions:** Includes **Anti-Stick, Arc-Force, Hot-Start, and Lift-Arc/HF (TIG)**, optimizing **arc stability**, improving ignition, and preventing electrode sticking.
- ❓ **Dual Automatic Ventilation:** Its **intelligent cooling system** activates only when necessary, **reducing equipment wear and improving energy efficiency**.
- ❓ **STAND-BY Mode:** Saves energy by entering a **low-power state** when the equipment is not in use, extending the lifespan of its components.
- ❓ **Robust and Portable Design:** With a **weight of 4.9 kg**, compact dimensions, and **IP23C protection**, it provides durability and easy transport for demanding industrial environments.
- ❓ **Generator Compatibility:** Works with **electric generators** with a wide voltage range, allowing welding in any location without relying on a stable power grid.
- ❓ **ICONTIG 1880 HF** is the ultimate tool for professionals seeking precision, efficiency, and the latest technology in every weld.

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## TECHNICAL DATA

Generals	
Intensity at 60%(100%) a 40°C	140A (110A)
Intensity MAX.	180A
Regulations	060974-1, 060974-10
Regulation	10 - 180A
Duty Cycle at 40°C	45%
Technical	
Usable electrodes MMA	1,6mm - 4,0mm
Usable electrodes TIG	1,6mm - 2,4mm
Structural	
Dimensions	320x135x285 mm
Protection index	IP23C
Regulation board	iCONTIG "basic"
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**

