

tig**MAKER** **210**_{HF} **PULSE**

TIG HF and MMA (electrode) welding machine, easy to use.

Adjustment range: TIG from **5** to **200A**, MMA from **5** to **170A**

On the front panel you have two levers to select the welding modes:

Welding modes: **2-stroke** TIG, **4-stroke** TIG, **MMA** (electrode)

Type of TIG welding: **TIG** with **LIFT start**, **TIG** with **HF** (high frequency) start, **TIG** in **pulsed** mode.



Why buy this TIG welder?

TIG welding is probably the best welding process. Both for the aesthetics of the weld seam and for the strength of the weld. It is accurate, clean and perfect!

With the TIG process the piece heats up and deforms less; furthermore, you do not necessarily have to use filler material for welding.

It's for you if you are already familiar with welding and want to carry out projects that are a little more complex and refined, but still do it yourself.

Why choose TigMaker 210_{HF} PULSE?

It is the right welding machine to weld a lot in TIG mode.

If you often weld with the TIG process for your projects, then this helviLITE welding machine is the best choice. You don't have to worry if you've never TIG welded before: you can control all the features with two levers and set the parameters with just two knobs. It is easy and intuitive.

It's perfect for TIG HF welding.

You have all the advantages of HF welding machines: no contamination of the weld pool and the tungsten tip that never wears out.

It's helpful.

Thanks to the 4-stroke TIG mode, press the button only to start and finish welding, without having to hold it down all the time. So you can focus exclusively on welding.

It's ideal for welding very thin material.

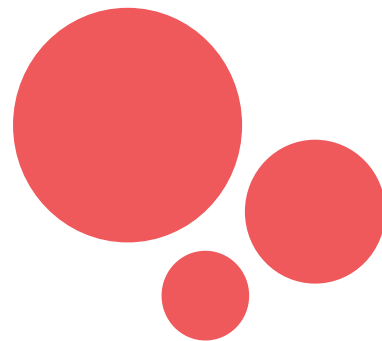
The "**pulsed** current" reduces the heat input on the piece to be welded. So you can work with very thin pieces.

It is the portable tig welding machine for welding stainless steel.

If for your DIY projects and home repairs you need to weld stainless steel, then this welding machine is for you. Use it for all objects that must not be attacked by corrosion and oxidation, including those in the food sector.

Accessories included:

- TIG 26 torch – 4 meter long, air cooled
- Ground cable Length: 2 meters. Cable section: 25mm².
- MMA welding cable. Length 3 meters. Cable section: 25mm².
- Gloves for TIG welding (size 10).
- Gas hose.



Technical specifications

TIG MODE :

- 2-stroke or 4-stroke torch control mode;
- Arc ignition choice: LIFT mode or with HF (high frequency);
- possibility of welding in pulsed mode (fixed frequency at 2.5Hz).

TIG HF MODE:

With the ignition of the electric arc in HF mode, the electric arc is activated remotely by the HF device. The advantage is that it is not necessary to touch the base material with the electrode: so you avoid damaging the electrode and contaminating the weld pool.

MMA (electrode) MODE:

- simplified welding with hot start (facilitates the ignition of the electrodes);
- arc force (automatically increases the welding current if the arc is too short);
- anti-sticking (prevents the electrode from sticking to the piece to be welded).

Input voltage	(1ph) 230V 50/60Hz
Amp. Min-Max	TIG - 5 ÷ 200 A • MMA - 5 ÷ 170 A
TIG - Duty cycle 40°C	200 A @ 25% • 130 A @ 60% • 100 A @ 100%
MMA - Duty cycle 40°C	170 A @ 25% • 110 A @ 60% • 85 A @ 100%
Electrode diameter Ø	Ø 1,6 ÷ 4,0 mm
Electrode type	6013 - 7018
Insulation class	H
Protection degree	IP23S
Dimensions (LxWxH)	400 x 140 x 245 mm
Net weight	8 Kg
Part number	99806016

