WELDING MACHINE TIG

GYSMI TIG 207 HF *AC/DC*

Designed to weld: → **Aluminum** → **Steel** → **Stainless steel** } TIG AC : **10A ▶ 200A** / TIG DC / MMA : **5A ▶ 160A**

Alimentation 230 V single-phase with PFC

From the INVERTER technology, the GYSMI 207 HF AC/DC is controlled by a micro-processor with a digital panel.

TIG

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

    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 ».
    (Avalaible 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)
- **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*.....Normal Mode: The operator sets the hot and cold current as well as the frequency.
    Easy Pulse Mode: The operator sets the average welding current.
    The device automatically adapts the frequency, the hot current and cold current.
  - *TIG Spot*.....Allows to prepare parts by doing spot welding.
- **5 Memories :** To save settings.

MMA

- Weld with a great ease steel, stainless steel, cast iron, rutile or basic electrodes.
- This product not only has an Anti-sticking system but also offers:
  An adjustable Hot Start: to ease the starting up of all kinds of metal (weak hot start: for the thin metal sheet- Strong Hot start: For metal hard to weld, dirty or oxidized pieces)
  An adjustable Arc Force: for a better penetration and to avoid sticking.

PROFESIONAL DEVICE

Ventilation tunnel to protect electronic from the dust.

PFC INTEGRATED (Power Factor corrector)

The PFC technology regulates and uses more efficiently the current. Thanks to this technology, the Gysmi 207 works on a simple 16A-230 V socket, even with an intensive use, against 32A-230V for a post of an equivalent power but without PFC.
Perfect to work on extension cable.

- Protection on the use of generators and against voltage variations (+/-15%).

Protected & compatible Mini : 6 kW (7,5kVA)

NORMAL USE 20°C

AC	mm	1	2	3	4	5
	I_{2} (A)	40	80	120	160	200
	X (Gys)	100%	100%	100%	47%	32%

DC	mm	1	2	3	4	5
	I_{2} (A)	30	60	90	120	160
	X (Gys)	100%	100%	100%	100%	47%

CE EN 60 974-1

GYSMI TIG 207 AC/DC HF
Ref.011625 : without accessories
Ref 011618 :with torch SR26 + kit MMA

50/60 HZ V	A	I2	X 20°C For normal use	U_0 V	IP	cm	kg
230 1ph	16	TIG AC 10> 200 A TIG DC 5>160 A MMA 10>160 A	32% @ 200 A 47% @ 160 A 58% @ 160 A	70	23	39 x 20 x 35,5	17

MADE in FRANCE