

## IMS 1905 (INVERTER)

### MMA - TIG LIFT ARC

MMA electrodes  $\varnothing$  1.6 ▶ 4.0 mm

Single phase 230 V – Direct welding current (DC)

Inverter technology welding unit controlled by micro processor.

Touch board and digital display.

Thanks to its integrated PFC, it can be plugged to a simple

16A – 230V plug even for intensive use.

#### ✓ MMA (160A)

Thanks to a high duty cycle and a revolutionary arc dynamics exclusive on the market, it welds easily any kind of electrodes : steel, stainless steel, cast iron, rutile or basics.

Besides the Anti-Sticking function, this product presents :

- An adjustable Hot Start : makes the starting of any kind of metal easier (low Hot Start : for thin metal sheets – high Hot Start for metals that are difficult to weld : dirty or oxidized parts)
- An adjustable Arc force : insures a better penetration and avoid sticking risks.

#### ✓ TIG LIFT ARC (190A)

Easier starting thanks to the lift arc process. It avoids tungsten inclusions and radio electrical disturbances.

At the end of the job, in order to have an aesthetic welding cord without craters, the GYSMI 195 includes an « arc down slope » innovating function with :

- automatic release thanks to a simple movement of the torch
- adjustable down slope duration



#### ✓ Integrated PFC (power factor correction)

The PFC technology regulates and uses more efficiently the current supply.

With this process, the Gysmi 195 works on a simple 16A-230V plug, even for intensive use, against 32A-230V for an equivalent welder without the PFC technology. Ideal for use with an extension cord on construction sites.

- Endowed with a protection rating IP23, this product is particularly adapted to outdoors jobs.
- It is adapted for use with power generators and protected against current supply variations (+/- 15%).
- This product is delivered in a case with its accessories : earth cables and electrode holder



Ref. 017108 :

$I_2 = 10A \blacktriangle 160A$  NORMAL USE 20°C

$\varnothing$		1,6	2	2,5	3,2	4,0
$I_2$	(A)	40	55	80	115	160
$X$	(IMS)	100%	100%	100%	100%	85%
#	Electrodes 1h =	62	50	47	45	32

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

#### Option : TORCHE TIG

Réf. 044425  
Câble long. 4 m  
Connecteur 10/25 mm<sup>2</sup>



230V	16	1,6>4	MMA: 10A>160A TIG: 10A>190A	85% @ 160 A	120 28	67	85	10/25	23	42x17x37	7,9	9,4	12