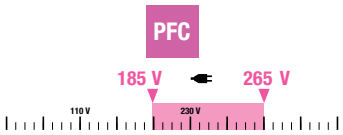
MIG/MAG
INVERTER PULSE
SINGLE-PHASE

10 → 220 A

P1 GYS AUTO (PFC)

080584 (with accessories)

The P1 GYS AUTO is a 220 A single-phase synergic MIG/MAG welding unit specially designed for car body specialists. It can weld all kinds of aluminium workpieces spatter-free. Fitted with a highly intuitive colour interface, it can weld on a wide range of steel, aluminium and brazing alloys (CuSi3/CuAl8), even on thin 1.0 mm & 1.2 mm material, using a dedicated pulse mode.





MIG/MAG WELDING

- **MIG/MAG Smooth + Pulse :**

- steel and stainless steel wire: Ø 0.6 to 1.2 mm
- aluminium wire: Ø 0.8 to 1.2 mm
- CuSi and CuAl wire: 0.8 and 1.0 mm dia.

INTELLIGENT

- **Specific synergies :** Steel, AlMg, AlSi, CrNi, CuSi

After entering 3 pieces of data: Wire diameter, material/gas and thickness of material being welded, the product automatically determines the optimum welding conditions.

- **PFC technology** : Equipped with PFC (Power Factor Correction), it adjusts to all input voltages from 185 to 265V.
- **New, intuitive, multilingual 3.5" HMI**.
- **Full machine and synergy updates** via USB stick.
- **Job memory for up to 200 welding programs** for recurring tasks.
- **Portability function :** user JOBS and machine configuration can be loaded/saved/transported via USB stick.
- **On-demand** ventilation system to reduce dust ingress.

Supplied with 1 torch :



Aluminium
3 m - Ø 1.0 + 1.2 mm

+ Fixed earth clamp (3.5 m)

+ 2 type B aluminium rollers Ø 1.0 /1.2

PREMIUM WELDING

- **Digital arc control** with rapid ignition.
- **High arc stability** to reduce spatter.
- **4-roller wire feeder with digital encoder** for flawless wire feed.
- **4 MIG-MAG welding modes :** Dynamic Standard, Pulse, ModulArc, Manual.

2 DISPLAY MODES

- **Easy -** a simplified interface adapted to the vast majority of users for optimum soldering quality.
- **Expert -** dedicated interface for the experienced welder with the ability to adjust all welding cycle parameters.
- **Welding mode**

2T: Welding takes place with trigger held down. It stops when the trigger is released.
4T: Welding takes place with trigger released, continuous welding. To stop welding, press and release the trigger again.



- Simple operation, even when wearing welding gloves.
- Choose the main parameter to be displayed on the screen (wire speed, current, etc.).
- Easy access to the most common welding parameters.

ERGONOMIC

- Reinforced wheels for stability and manoeuvrability.
- Gas cylinder support up to 4 m3 (20 L).
- IP23S rated to withstand difficult environments.
- Storage compartment.

ACCESSORIES (OPTIONAL)



Steel
250 A Ø 0.8 mm - M6
3 m
072145



MB25 torch consumables kit
041233

Type B rollers

Steel / Inox	Ø 0.6 / 0.8	x2	042353	
	Ø 0.8 / 1.0		042360	
	Ø 1.0 / 1.2		046849	
Aluminium	Ø 0.8 / 1.0		042377	
	Ø 1.0 / 1.2		040915	Original rollers

50/60 Hz		A	I_2 MIG A	U_1 V	I_1 MAX A	Rated capacity KVA	ømm Gas	ømm 200	ømm 300	Digitally controlled	m/min	Original rollers B	EN 60974-1 (40°C) MIG-MAG IA (60 %)	EN 60974-1 (40°C) MIG-MAG 100%	U_0 V	cm	kg	IP
230 V 1~	6.25 m	16	10 → 220	230V	30.3A	6.97 KVA	0.6 → 1.2	✓	✓	50 W	1→20	1.0 1.2	150 A	130 A	67	75 x 45 x 80	48	IP23S

CE - EN 60974-1

Made in France

www.gys.fr