

# P1 GYS AUTO (PFC)

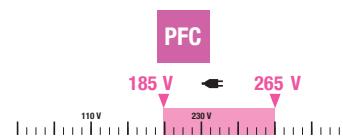
080584 (with accessories)

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 265 V.

### ■ 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.

## 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.

### ■ 3 MIG-MAG welding modes : Dynamic Standard, Pulse & Manual.

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



## 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.

## ERGONOMIC

### ■ Reinforced wheels for stability and manoeuvrability.

### ■ Gas cylinder support up to 4 m3 (20 L).

### ■ IP23S rated to withstand difficult environments.

### ■ Storage compartment.

- 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.

## 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
	Ø 0.8 / 1.0		042377
Aluminium	Ø 1.0 / 1.2		040915 Original rollers

	50/60 Hz	A	A	I <sub>2</sub> MIG	Gas	200 300	Ømm	Digitally controlled	m/min	Original rollers	EN 60974-1 (40°C) MIG-MAG	U <sub>0</sub>	150 A	130 A	67	75 x 45 x 80	48	IP
	230 V 1~	6.25 m	16	10 → 220	0.6 → 1.2	✓	✓	50 W	1→20	1.0 1.2	IA (60%)	100%	V	cm	kg	IP23S		