

The GYSPOT PTI EXPERT is an automatic spot welder designed for the assembly of car body panels. It features a manual over-opening mechanism for improved user convenience, and a balancing arm to reduce the weight of the gun. The liquid-cooled clamp has an integrated transformer, and can be rotated through 360° to facilitate welding in difficult-to-access areas. It also features an ergonomic, user-friendly colour interface.

HIGH PERFORMANCE

- **High duty cycle** with a maximum welding current of 14,500 A, suitable for welding all types of steel on modern vehicles (HLE/THLE, UHLE and Boron).
- **Liquid-cooled** (30 litres) transformer, electrodes and caps for maximum performance.
- **High speed** (10 spots/min).
- Clamping force up to **550 daN** at 8 bar to meet OEM requirements.
- **Integrated transformer in the gun**, reducing power consumption to a minimum (25 A fuse).

EASY TO USE

- **Automatic mode:** the intelligent gun automatically determines the correct welding parameters.
- GYS patent for **manual over-opening**, leaving 75 mm between the 2 caps.
- Intuitive navigation via 3.5" colour display.
- Easy to use for all vehicle repair professionals.
- Spot counter to monitor the service life of the caps.

ERGONOMIC

- Support arm with 140 cm offset.
- Sliding counterweight to reduce the weight of the clamp.
- Reinforced, manoeuvrable trolley with 30-litre tank.
- **Compact gun** (12.1 kg) with 360° integrated rotating mechanism.
- 5 m harness between the gun and the machine, for access anywhere around the vehicle.
- Disconnectable harness for easy gun maintenance.

PREMIUM G-ARM

- Quick and easy change of welding arms, no tools required.
- **Brass** clamp holder and arm plate for optimum electrical contact.
- **Automatic connection** of coolant connectors.
- Wide range of arm options, for greater access to all areas of the vehicle.

TRACEABILITY

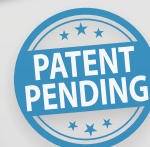
- **Spot weld traceability** and data export via USB for reporting purposes.
- PC software supplied for data processing.
- Complete machine **update via USB stick**.

OPTIONAL



Quick Fix single-point
gun kit
082823












Compatible arms
and consumables



GYS patent:
Manual over-
opening



Manual arm opening to provide
200 mm of clearance

		Spots / min (max)	I RMS A	U ₀ V	S _{max} kVA	Sp kVA	mm		Cables						
								 (optional)	 12.1 kg	 (optional)	 (optional)				
50/60 Hz	A D curve												Liquid	cm	kg
3 x 400 V	25	10	14 500	7.6	92	14.5	2.5+2.0+2.0	1.5+3.0	5 m, Liquid	1.8 m	1 m	8 m	30 L	65 x 100 x 230	104 91kg + 13 kg