

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** (7.9 US gal) transformer, electrodes and caps for maximum performance.
- **High speed** (10 spots/min).
- Clamping force up to **550 daN** at 117 psi to meet OEM requirements.
- **Integrated transformer in the gun**, reducing power consumption to a minimum (50 A fuse).

EASY TO USE

- **Automatic mode:** the intelligent gun automatically determines the correct welding parameters.
- GYS patent for **manual over-opening**, leaving 2.95 inch 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 55 inch offset.
- Sliding counterweight to reduce the weight of the clamp.
- Reinforced, manoeuvrable trolley with 30-litre tank.
- **Compact gun** (26.6 lbs) 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 opening of the arm to
ensure a clearance of 7.87 inch

		Spots / min (max.)	I RMS	U ₀	S _{max}	Sp	 inch		Cables							
50/60 Hz	A D curve		A	V	kVA	kVA		(optional)	 26.6 lbs	(optional)	 (optional)		Liquid	inch	lbs	
3x	200 V 208 V 230 V 240 V	32	10	12 500	6.5	67	10	0.1+0.08+0.08	0.06+0.12	16.4 ft, Liquid	5.9 ft	3.2 ft	26.2 ft 4xAWG8	7.9 gal	25.6 x 39.4 x 90.5	251.327
				13 000	6.7	72	11									223 lbs + 28.66 lbs
				14 500	7.4	88	12.5									
				14 500	7.7	96	13.5									