

**SPOT-WELDING
EQUIPMENT**

GYSPT INVERTER BP.LX

Ref. 019652 - 400V - 3φ

The Gyspot INVERTER BP.LX product is a real advance in the field of spot-welding equipment. This machine is the ideal answer to the welding requirements of high strength steels (UHSS/boron steel), with 550 daN electrode arms force at 8 bars with 120 mm arms and 13 000 Amps welding current. This machine is fully compliant with the European directive 2004/40/EC.

Description

Ideal clamp for all types of metal works

- Lightweight and easy to handle: Weight 5 kg
- Clamping force at 8 bars: 550 daN
- Single-sided welding tool with 3 meter cable: spot hammer welding, stud/rivet/ring welding, carbon shrinking
- Accessory box
- Support cable bracket with a telescopic arm
- Control display 6"
- Remote control on the clamp

**13 000A
550 daN**



- Included :
- Arm X1
 - pistol
 - earth cable

Performance

Welding current:

- High welding current : 13 000 A
- Digital display of the actual current value
- Sound alert if the welding current is too low
- Constant current control

Electrode force :

- Digital display of the actual electrode arms force
- Lightweight clamp: Weight 5 kg
- High clamping force: 550 daN with arms 120 mm at 8 bars
- Liquid-cooled arms up to the tips
- Sound alert if the actual clamp force is too low

Machine interface

- **User friendly:** Large display (6"), with intuitive menus
- **Easy:** Only 2 parameters to be selected (thickness and steel sheet type)
- Saving of user welding parameters

Tracability

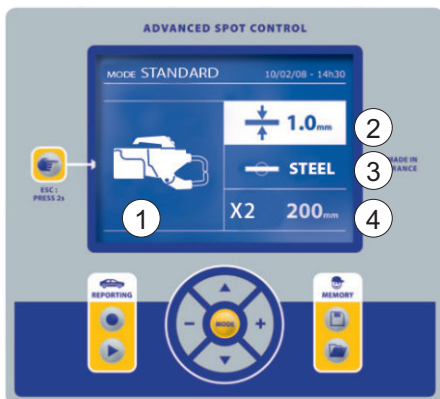
- Record on SD card of the characteristics of each welding spot performed
- Restoration on any PC of the reports saved on the SD card



The « BODYPROTECT » concept protects the user against electro-magnetic fields. The machine is compliant with the directive 2004/40/CE.

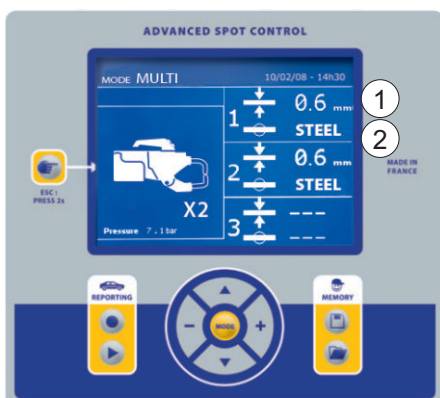
Accessories		X (Ø 25mm) + Caps Ø 13mm		Arm Panel		Point Control Tests	
X1 8 bar / 550 daN 050501	X4 8 bar / 120 daN 050532	X5 l = 180 mm 050549 8 bar / 200 daN	X6 l = 220 mm 050587	X4A (x2) + X5 + X2 022324	X4A (x2) + X4B + X4C + X2 020733	Tôle HLE / HTS 1.0 mm (x150) 050167 THLE / VHTS 2.5 mm (x150) 050181	Consummables 050068
X2 8 bar / 400 daN 050518	X4A 8 bar / 150 daN 020702	X4 (A, B & C) combinations				x10 (x20 052239)	x18 (x6 049987)
X4B 8 bar / 150 daN 020719	X4C 8 bar / 150 daN 020726					x6 (x6 049994)	x18 (x6 049970)

50/60hz	40A (D)	I RMS	U ₀	mm	Cables	100% CU	Weight
400V	40A (D)	13 000A	16V	3+3+3	Liquid / Air Cooled	OK	160 kg
				1.5+3	Liquid		
					Air		
					-		



STANDARD MODE:

- 1 - Tool selection: X-clamp, or single sided gun.
- 2 - Sheet thickness: can be adjusted using (+) and (-) keys.
- 3 - Type of steel: STEEL, HSS, UHSS or BORON.
- 4 - Arm length: in order to automatically adjust clamping force.

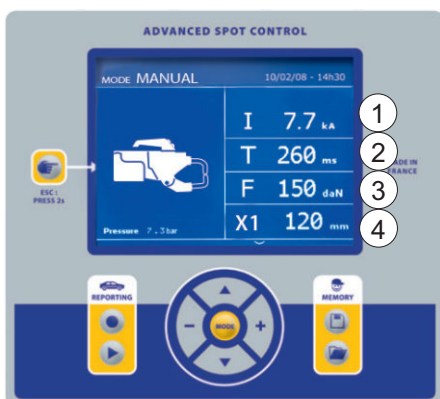


MULTISHEET MODE:

The machine calculates the correct welding parameters for the selected assembly (2 or 3 sheets).

For each sheet, specify :

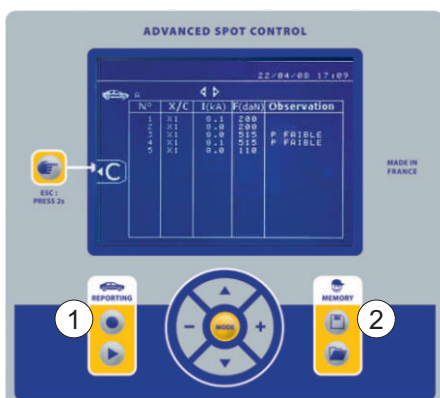
- 1 - Thickness
- 2 - Type of steel



MANUAL MODE:

Manual adjustment of the welding parameters :

- 1 - Welding current
- 2 - Welding time
- 3 - Clamping force
- 4 - Type of arm



SAVING OF WELDING PARAMETERS AND TRACEABILITY:

- **1 - REPORTING:** Record on SD card of the characteristics of each welding spot performed, and restoration on any PC.
- **2 - MEMORY:** saving of user welding parameters on SD card.