The Gyspot INVERTER BP.LCX 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 and 13 000 Amps welding current. The GYSPOT DC.LCX is equipped with 2 clamps (X one and C one). It is a multifunctional welder, thanks to its water cooling system on both clamps. This machine is fully compliant with the European Directive 2004/40/EC.

**DESCRIPTION**
- Ideal X and C clamps for all types of metal works
- Lightweight and easy to handle X and C clamps: Weight 5 kg
- 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

**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:
  - Electrode force control
  - Digital display of the actual electrode arms force
  - C clamp electrode force: 550 daN with at 8 bars
  - X clamp electrode 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

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

**ARMS FOR X CLAMP**
13 000 A 550 daN

**ELECTRODE ARMS AND CONSUMABLE**

**STROKES FOR CLAMP**
STANDARD MODE

1. **Tool selection** : X-clamp, C-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.