

# MULTISPOT MI-100 CONTROL

The Future of Spot Welding has arrived ...

**The 1<sup>st</sup> Inverter Welder to give full trace ability of each weld, per job, by each operator ...**

This computerised Inverter Spot Weld is able to measure, record and analyse every weld each operator performs, allowing you to record data for your ISO / BSI Systems.



### Current Inverter Qualities:

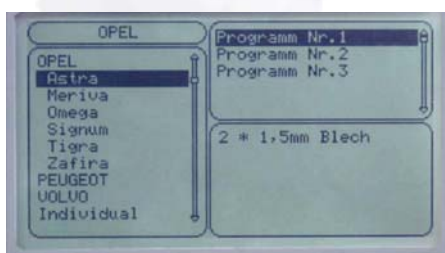
- Regulated Welding Current
- Numerical Display of Welding Settings
- Control of Clamping Force

### Additional MI-100 Control Advantages:

- **Impedance Control**  
Recognition of irregularities, regulation of welding process – customised to specific welding tasks of body repairs.
- **Independent Programming**  
Programming through panel, data storage on chip (flash) card.
- **Print out of Weld's**  
Documentation of welding results, 27 parameters will be memorised for the last 10,000 spot welds. Records can be stored on flash chip cards, readable on PC's, or read from the display. For Example Each Parameter can record the following:

- Welding Machine
- Repair Job
- Operator ID
- Time / Date
- Welding Details – Actual Values of each weld
- Details of the material
- Abnormalities

- **Registration of Welding Systems**  
Tracking and update ability of systems supplied to users.
- **OEM – Welding Programmes**  
Access to Automotive Manufacturers Programmes through specific menu on the welder. Using Manufacturer programmes prevents wrong settings and inferior welding results.



### \*UK Warranty

**12 Months - Power Source 12 Month - All Other Components**

Customers who have a service contract with Stanners covering twice yearly service, will be entitled to a loan machine in the event of a breakdown anytime during the first 4 year period.

*\*The above warranty is subject that no fault is caused by incoming mains failure*

## Option of 2 Weld Guns Both have High Tip Pressure, Suitable for New BORON Steels

### Heavy Duty MX4900 Weld Gun

Coded Arm Sets Available, allowing the MI-100 Control to recognise and record the type of arms be used on a particular weld.

- Larger opening angle between electrodes.
- Electrodes are at an angled position for easy handling (wheelhouse, roof, back panel).
- No leakage of water when changing the electrodes.
- Fine adjustment of electrode tips.
- Changing of arms is easy and light.
- The balancer takes the weight of the cables and the gun, not just the cables!



### Light Weight MC5000 Weld Gun



The Coded Gun and Arms allow the MI-100 Control to recognise and record the type of arms being used on a particular weld.

- Light Weight – Even with 410mm Arm
- Low handling weight at high clamping force.
- Liquid Cooled Arms – Up to both tips.
- Safe working, meets ISO Safety Standards
- Quick and simple Changing of Electrode Arms

Please Check Various Manufacturer Approved Packages for different pliers and arms required.

### Technical Data / List of Contents

<u>MI-100 Control</u>		<u>Weld Gun</u>	<u>MX4900 + 190mm Arm</u>	<u>MC5000 + 160mm Arm</u>
Power Supply Unit	<b>400V (380V – 415V)</b>	Weight (without cable & Arm)	<b>9.5kg</b>	<b>5.8kg</b>
Mains	<b>3 x 400V (3 Phase)</b>	Handling Weight With Balancer	<b>0.5 – 1.5kg</b>	<b>0.5 – 1.5kg</b>
Mains Connection Dia / Length	<b>6mmsq x 10m</b>	Operating Pressure	<b>8 Bar</b>	<b>8 Bar</b>
Fuse	<b>32A Slow Blowing</b>	Welding cable	<b>120mmsq /2.5m</b>	<b>120mmsq / 2.5m</b>
Mains Frequency	<b>50/60 Hz</b>	Clamping Force Max.	<b>500daN</b>	<b>450daN</b>
Welding Current Max:	<b>12,000 A DC</b>			
Open-circuit voltage max.	<b>23 V DC</b>			
Ambient Temperature	<b>40 Degrees</b>	<u>Single Sided Gun</u>		
Protective System	<b>IP 21</b>	Air Cooled (Optional Water Cooled)		
Power Supply Unit (Mobile) Inc Handle Dimensions H/W/D mm	<b>925 / 650 /645</b>	Welding Cable	Dia / Length:	<b>120mm sq / 2.2m</b>
Weight without accessories	<b>Approx. 100kg</b>	Earth Cable	Dia / Length:	<b>20mm sq / 2.2m</b>
			Weight	<b>6.15kg</b>

**For more information contact:**

***Stanners Equipment Ltd***

**Coopies Lane Industrial Estate, Morpeth, Northumberland NE61 6JN**

**Telephone: (01670) 514133 / 514641 / 516223 Fax: (01670) 515492**

**E-mail: [stanners@stanners-equipment.co.uk](mailto:stanners@stanners-equipment.co.uk)**

**[www.stanners-equipment.co.uk](http://www.stanners-equipment.co.uk)**