



## **Maritime Stress Contracting Limited**

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### **THERMOCOUPLE WELDING UNIT TW113** **MAINS OR BATTERY OPERATION** **AUTOMATIC OR MANUAL OPERATION**

#### **FEATURES:**

- Can operate from it's own internal battery or from the mains supply.
- Automatic mode gives 'hands off' operation.
- Low battery condition shown by LED.
- May be used while the battery is being charged.
- Energy level variable from 12 to 50 watt-seconds.
- Tool storage built into case.
- Automatic switch off after 3 minutes of not in use.
- Very low battery inhibits battery only operation.

#### **MANUAL OPERATION:**

Place the magnet on the steel body. Put the Auto/Manual switch in the Manual position. The unit is switched on by pushing the Start button. Take care that the output leads are open circuit, if they are not the Wait LED will remain on. When the Ready LED comes on the weld is made by placing the wire to the steel with the pliers and pushing the Weld button.

If the Wait LED is on, the weld will not be made and the output leads must be open circuit to allow the Ready LED to come on.

#### **AUTOMATIC OPERATION:**

Place the magnet on the steel body. Put the Auto/Manual switch in the Auto position. The unit is switched on by pushing the Start button. Take care that the output leads are open circuit, if they are not the Wait LED will remain on. When the Ready LED comes on the weld is made by placing the wire to the steel with the pliers. After a short delay of about one second the weld will be made. If the Wait LED is on, the weld will not be made and the output leads must be open circuit to allow the Ready LED to come on.



**Pre-heat and Post Weld Heat Treatment**  
**\* Services \* Manufacturing \* Sales \* Rentals**  
**TW113**