

W T C

WIRELESS 8-CHANNEL TEMPERATURE MODULE



- Remote monitoring and control
- Track temperature at multiple points simultaneously
- Data saved and viewable
- Individual high and low limits can be set for each thermocouple
- Real-time temperature data so you can quickly identify any potential problems
- Gives a complete picture of the temperature distribution

The smart way to measure temperature.

The temperature module provides a comprehensive solution for monitoring and logging temperature data. It is ideal for applications where multiple heating or cooling zones are required and high and low limits provide peace of mind that the process is operating within safe parameters.

The 8-Channel wireless temperature module can connect to a remote PC or the ALX III welding datalogging systems using WiFi connectivity.

The temperature module can read and display up to 8 thermocouple channels via thermocouples mounted on the work piece. It then transmits the data back to the PC or ALX III.

The module can be held in place on the workpiece using a magnetic block. Weld-on thermocouples can be connected to the unit.

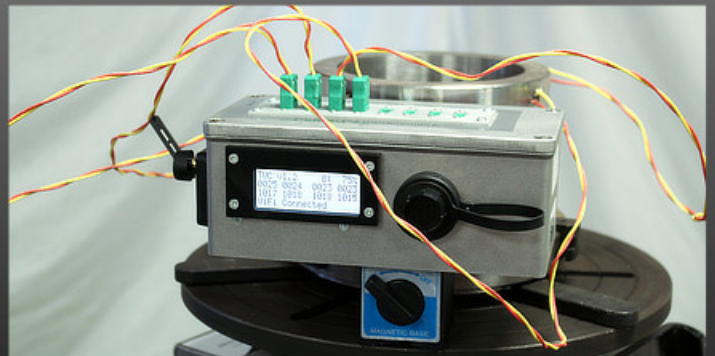
The temperature module is battery-powered, and the battery level is displayed on the LCD screen and in the temperature software on the PC or ALX III.

Wireless Temperature Program

The software program independently logs temperatures from several different positions. The data for each thermocouple is saved to a text file, which can be viewed or exported into Microsoft Excel.

Individual high and low limits can be set for each thermocouple, and the temperature data sets are displayed in real time.

The wireless temperature program can also be configured to communicate directly with the ALX III logging software.



General Specifications

| | |
|-----------------|---|
| Inputs | 8 x Type K Mini Sockets |
| Screen | LCD |
| Dimensions | 235 x 130 x 150mm |
| Weight | 3Kg |
| Housing | Die-cast Aluminium Box |
| Battery Type | Li-Ion Rechargeable 14.4V 4.8Ah |
| Battery Charger | External 90-240V AC, Auto Selection, 3 - 4 Hour Charge Time |
| Operating Time | 12 - 14 Hours |

Measured Parameters

| | |
|-------|------------|
| Range | 0 - 1000°C |
|-------|------------|

WiFi Parameters

| | |
|-----------------|-----------------|
| Operating Range | Up to 50 Metres |
|-----------------|-----------------|

Full calibration certification provided, traceable to The National Physical Laboratory (NPL), UK.

The Validation Centre (TVC) Limited reserves the right to alter or change product specifications without prior notice. Images are representative of full optional additions installed; delivered equipment and software may vary depending on options purchased.



THE VALIDATION CENTRE (TVC) LIMITED

Unit 15, Brinell Way, Great Yarmouth, Norfolk,
NR31 0LU, United Kingdom

+ 44 (0) 1493 443800

sales@tvcalx.co.uk

www.tvcalx.co.uk