

# COOPER8

## Programmer/Controller and Digital Recorder

Cooperheat's Cooper8 is an innovative, all-in-one heat treatment programmer, controller, and digital recorder. Highly versatile, it functions as a standalone modular unit or integrates into custom systems. It features six-channel control compatible with any standard heat treatment transformer via contactor control, while offering sophisticated data analysis and temperature chart printing.



### FEATURES

- The unit is capable of control via Wi-Fi, 3G/4G or hardwire connection
- Controls six thermocouple channels
- Monitors an additional six channels
- Runs one or two independent heat treatment programs simultaneously
- Selectable holdback to control temperature differentials
- Heat treatment profiles up to ten segments
- Operates and records in °F or °C
- Six output thermocouple sockets (for use with separate recorder if required)
- Range 0-1200C (0-2200°F)
- Max ramp 1200C or F° per hour
- Max soak length 99 hours 59 minutes
- Chart can be viewed from the LCD screen in real time
- Chart and job specifications can be printed using any Windows compatible device and Cooper8 software
- Multiple languages available on request
- Colour, 7 inch, LCD screen, with touch screen control

### GENERAL

- Case material: Stainless Steel
- Case dimensions: Width 32.5cm, height 26cm, depth 43cm
- Display: Colour, 7 inch, LCD screen, with touch screen control
- Weight total unit: 13kg
- Environment: Operating temperature 0-50C
- Storage: Temperature -20C to 60C - Relative Humidity 10%-90%
- Supply: 110Va.c., 5A, 50/60Hz

### RECORDING & CONTROL

- Sensor: Type K Thermocouple to BS EN 60584-1
- Accuracy: ± 0.1% of span ± 1°C
- Control: PID
- Units: °C or °F
- Channels: 6 control channels plus 6 monitoring channels

### PROGRAM

- Ten segment program profiles. Each segment can be temperature level, ramp up, ramp down or hold period
  - In addition to all six zones running to a common program, two independent programs can be run simultaneously controlling 3+3 control zones or 2+4 control zones

