

COOPER8

Programmer/Controller and Digital Recorder

Cooperheat's innovative Cooper8 is a heat treatment programmer/controller and digital recorder combined unit which is designed to work in conjunction with standard heat treatment equipment



The Cooper8 can be used as a separate modular unit or can be built into a bespoke heat treatment unit.

The most versatile heat treatment unit on the market, the Cooper8 can be used as a six channel programmer module which is compatible with any standard heat treatment transformer power source with inputs for contactor control. In addition, it can also be used as a sophisticated programmer with the capacity to download data for analysis and print temperature charts.

General specifications

Display: Colour, 7-inch or 10-inch options, LCD screen, with touch screen control.

Environment: Operating temperature 0-50 °C.

Storage: Temperature -20 to 60 Relative Humidity 10% to 90%.

Supply: 110 V a.c., 5A, 50/60Hz.

Construction

Case material: Stainless Steel.

Dimensions

Weight total unit: 13 kg.

Case dimensions:

- Width: 32.5 cm;
- Height: 26.0 cm;
- Depth: 43.0 cm.

Recording and control

Sensor: Type K Thermocouple to BS EN 60584-1 (others by special order).

Accuracy: $\pm 0.1\%$ of span ± 1 °C.

Control: PID.

Units: °C or °F.

Channels: 6 control channels plus 6 monitoring channels.

Program

Sensor: Type K Thermocouple to BS EN 60584-1 (others by special order).

Accuracy: $\pm 0.1\%$ of span ± 1 °C.

Control: PID.

Units: °C or °F.

Channels: 6 control channels plus 6 monitoring channels.

