



Temperature Chart Recorder

Stock Reference: 40006

Mannings

The 12 point Chino Temperature Recorder has been chosen by Mannings as the standard recording instrument for on-site pre and post weld heat treatment.

Each recorder is contained within a rugged steel case to minimise wear and tear, with rear mounted thermocouple sockets for ease of connection and with a 2m, 110V a.c. power lead, with fitted three pin 110V plug.

The standard scale supplied is 0 - 1200 degrees C, other scales can be provided on request. Power supply and chart drive

switches are accessible from the front of the recorder via a clear glass door.

Chart drive speed can be varied in 4 discrete steps to represent 12.5, 25, 50 or 100mm per hour by selecting the appropriate push button setting on the front panel.

A fast advance feature is also found on this panel.

With the chart drive speed set at 50mm per hour, each chart refill will last for approximately 360 hours.

A printed warning is visible on the right side of the chart 12 hours prior to a refill being required.

Each input is individually recorded on the chart paper using a multi coloured printing system.

The chart and the scale plate are illuminated by an integral strip light contained within the door assembly.

Specifications <i>(all dimensions are nominal)</i>	
Power Requirement:	
Power supply voltage:	110V a.c.
Power supply frequency:	50Hz / 60Hz
Power consumption:	Approximately 24 VA
Operating Environment:	
Ambient temperature:	Minus 10 degrees C to 50 degrees C
Ambient humidity:	30 to 90% RH
Physical:	
Scale length:	180mm
Accuracy:	+/- 0.5% of input span
Dead band:	0.1% of input span
Balancing time:	Approximately 2 seconds (50Hz)
Voltage:	110 a.c.
Chart:	Fanfold 20 metres long
Channels:	6 or 12
Stamping interval:	6 seconds (50 Hz)
Stamping system:	6 or 12 colour
Weight:	17.2 kg
Illumination:	Fluorescent lamp
Spare Replacement Parts	
Part Number:	Description:
542-245	1A fuse
542-233	Drive cord
542-242	Range unit
542-237	Chart lamp
Consumables	
Part Number:	Description:
542-230	Chart refill
542-234	Ink pad case
542-231	Ink 12 colours
542-232	Ink pad

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