

# Circular Chart Recorders

## Mini-chart Temperature Recorders

- Standard - flexible bulb & capillary sensor
- Electronic - PT100 or PT1000 sensor
- 7 day or 24 hour rotation
- DIN size panel mounted or wall mounted
- Standard sensor up to 5 metres long
- Choice of temperature ranges
- Door lock for security
- Robust enclosure
- Replaceable cassette chart motor
- Simple installation



The Mini-chart temperature recorders with external sensors are very popular for monitoring storage temperatures in many refrigeration and air conditioning applications. The recorder is easily mounted in panel by cutting a square hole, inserting the instrument and securing by tightening the clips from the front. Alternatively, they can be mounted on to a wall using the fixing holes provided on the enclosure. The standard Mini-chart requires only a single AA battery for power and is therefore simple to install and operate. The battery will have a life of 1 year.

Some of the most common temperature ranges are as follows:

-25°C to +25°C or -30°C to +30°C	General purpose
-5°C to +25°C or -10°C to +20°C	Higher resolution for chillers & blood banks
-35°C to +15°C	Standard freezers
0°C to -50°C	Medical, blood products & blast freezers
0°C to -100°C	Cryogenic freezers
-10°C to +40°C or 0°C to +50°C	Incubators & air conditioning

### Specifications - standard:

Dimensions (mm)	144 x 144 x 67
Panel cut out	138 x 138mm
Capillary length	2.5 m or 5 m
Sensor dimensions	76 x 9mm dia
Pen life (approx)	6 months
Power	AA battery or mains with back up
Accuracy	+/-1.5%
Chart diameter	125mm

### Specifications - electronic sensor:

Sensor dimensions	50 x 6mm dia
Power	9-24VDC or 230VAC

## CALIBRATION

Calibration Certificates to traceable standards can be supplied with all temperature instruments and on site calibration services can be offered where required.

Telephone  
**01462 638200**  
for more details

