

Temperature Chart Recorders from Abacus Instruments Limited.

Circular Chart Temperature Recorders are a popular choice for monitoring and recording temperatures in a wide range of applications. They provide a clear and permanent temperature record, which is easy to read. The paper disks are convenient to store and provide a continuous record of temperature history. Low cost consumables make the Mini-Chart and Mini Chart MR an attractive solution to meeting "Due Diligence" requirements.

The **Mini-Chart Temperature Recorder** is a single range temperature recorder. It is supplied with a flexible 2.5 meter probe (5 meter probe optional) and operates using one 3.6v Lithium battery which provides a 3-4 year operation. It is available in a wide variety of temperature ranges and in four different clock speeds (factory set).

The **Mini-Chart MR Temperature Recorder** is a multi-range temperature recorder which provides the consumer with greater flexibility, as all the parameters are user selectable. You can select a temperature range and a rotation speed, so you can obtain the best range for your application. The MR also offers the user the option to set high and low temperature alarms. Included are two 3.6v Lithium batteries which provide a 12-18 month operation. Also provided is a flexible 3 meter PT1000 Probe (5 meter probe optional).

Both the Mini-Chart and Mini-Chart MR Battery Powered Recorders are simple to install with no wiring needed. The Mini-Chart and Mini-Chart MR are available in a 240v mains powered version, which also have a mains power fail battery back up. Both the Mini-Chart and Mini-Chart MR are supplied with a pack of charts (60 weeks), 2 pens (1 year) and 2 keys, instruction manual and 2 panel mount clips. The recorders are also versatile when it comes to installation with the option to Wall mount or Panel mount.



	Mini-chart	Mini-chart MR
Dimensions	144 x 144 x 67 mm (138 x 138 panel cut-out)	
Pen Life	6 months (typical)	
Battery Life	3 – 4 years (typical)	12-18 Months (typical)
Power (optional)	240v includes Battery Backup	240v includes Battery Backup
Temperature Sensor	2.5 meter flexible capillary (5m optional) Probe: 76mm long x 9mm diameter	3 meter PT1000, (5m optional) Probe: 50mm long x 6mm diameter
Accuracy	+/-1.5%	
Temperature Ranges (°C)	Single range, Popular Ranges Factory Set: -35 to +15, -5 to +25, -10 to +20, -25 to +25, 0 to -50, 0 to +50, -25 to +50, 0 to +50, 0 to 100. (More Temperature Ranges available)	Multi range, User Selectable: -35 to +15, -25 to +25, -10 to +20, -5 to +25, 0 to -50, -50 to -100, 0 to +50, +50 to +100. 0 to 5V for other sensors
Chart Rotation	Factory Set: 12 Hr, 24 Hr, 7 Day or 31Day	User Selectable: 12 Hr, 24 Hr, 7 Day or 31 Day
Chart Diameter	125mm	
Other Inputs	N/A	0 to 5VDC for pressure, humidity, flow etc
Alarms	N/A	Sounder and relay for high & low alarms. (optional)



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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