

TT260 Temperature Recorder

TT260 is a circular chart recorder for fixed mounting and mains power supply. It is very suitable for freezers, refrigerators, cool rooms, ovens, food processing equipment, pH monitors, and more. Very easy to operate. The simplest way to provide written proof of compliance with regulations.

Special Features:

- High Accuracy.
- Fast Response.
- Compact 100 mm circular chart.
- Lockable.
- Many options.
- Many specialised ranges.
- Disposable pen.

Technical Specifications

Inputs: Pt100 for temperature, 4-20mA, 0-1V and others on request.

Accuracy: " 1% of range.

Ambient operating temperature: -30 + 60°C

Operating principle: Potentiometric with full servo-system.

Electronics: Thick film hybrids incorporating bipolar and locmos devices.

Power supply: 200/250V AC, 50/60Hz. (Standard.)

Others at request.

Chart size: 100 mm.

Casings: Shock resistant plastic with seal around door.

Panel mounting: (standard.)

Front 144 x 144 mm.

Cut-out panel 138 x 138 mm.

Depth behind panel 90 mm. Screw terminals.

Wall mounting: (optional.)

Front: 184 x 143 x 90 mm.

Incl brackets: 220 x 143 mm.

Range °C	Div °C	Chart no.
-20 -110	2	20.11
-55 -100	1	55.1
0 -100	2	0.1
-40 -85	1	40.85
-70 +20	2	70.2
-20 -65	1	20.65
0 -45	1	0.45
0 -30	1	0.30
-30 +15	1	30.15
+15 -30	1	15.30
-25 0	.5	25.0
0 -25	.5	0.25
+70 -20	2	70.20
-15 +15	1	15.15
+15 -15	1	15.15
+30 -15	1	30.15
-15 +30	1	15.30
+20 -5	0.5	20.5
0 +25	0.5	0.25
+25 0	0.5	25.0
0 +30	1	0.30
0 +45	1	0.45
+20 +65	1	20.65
+40 +85	1	40.85
0 +100	2	0.100
+55 +100	1	55.100
+20 +110	2	20.110
+50 +140	2	50.140
+110 +200	2	110.200
0 +250	5	0.250
+190 +280	2	190.280
0 +300	10	0.300
0 +450	10	0.450

Temperature:

The ranges are standard ranges in Celsius degrees. For Fahrenheit and other ranges, please enquire.

Chart Rotation:

Standard rotation: 24 Hours or 7 days.

Options:

Battery Backup for all functions.

Automatic charging circuit for NiCad battery will secure correct operation of both chart drive and recording for 2-4 weeks after mains failure, depending on actual circumstance.

Optional alarm contacts will also function, but may reduce the working time to 1-3 weeks after mains failure (Fully recharged battery).

Alarm contacts are adjustable from the front over the whole range. Hysteresis for alarms: Standard 0.5% of range.

Output from alarm(s): Change-over relays(s):

Maximum switching voltage: 220V AC, 250V DC.

Maximum continuous current: 2A.

Maximum power rating with DC voltage: 50-150 Watt, depending on voltage.

Maximum power rating with AC voltage: 250 VA.