

Specification for Graphic Temperature Recorder (Paperless)

Spec. no.: QC-1/2016-17/Temperature recorder/Rev00

<u>SN</u>	<u>Parameter</u>	<u>Description</u>
01	No. of channel	24 channel programmable touchscreen paperless recorder
02	Display	Color LCD (TFT),12.0"(minimum)
03	Measuring points	24 points (channel)
04	Input Types	Universal-DC volt, DC millivolt, Thermocouple,2/3-wire RTD(Pt100)
05	Sampling rate	125 millisecond or better for each channel
06	Accuracy	+/- 0.3% or better
07	Isolation	AC 300 V rms (minimum) among each channel and ground
08	Burnout	Disconnection of input signal is detectable.
09	Record format	Trend screen, data screen , bar graph screen
10	Range & Scale	Programmable for channel
11	Data Storage	Internal memory and USB port for data read out
12	Display type	Touch Screen however programming facility with Touch Screen & Key Pad also
13	Noise rejection	Common mode rejection ration: 120 dB or more at 50 hz Series mode rejection ratio: 50 dB or more at 50 hz
14	Protection	NEMA/IEC/EN61010
15	Input Power	240 V AC,50 Hz
16	Equipment Weight	Maximum 10 Kg.
17	Warranty	Min 18 months from date of receipt of equipment at BHEL Haridwar or 12 months form date of commissioning, whichever is later.
18	Certificate	Test certificate is required
19	Documents/manual	Hard copy is required
20	Software	Required for data analysis. Software should be complete in all respect.

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