T-TEC 7-1C Data logger for temperature and humidity

T-TEC Data loggers are battery powered measurement instruments with memory for unattended monitoring of temperature and/or humidity. To start the logging and to download the results, the data loggers are connected to a PC via an interface cable.
Graphic software provides options for initial settings and for extracting information.

Model T-TEC 7-1C has internal thermistor sensor for temperature and fixed external capacitive sensor for humidity.

Display alternates between temperature and humidity reading
Ranges: Temperature: -40 +85°C Humidity 10 to 90% RH

Special features:
• High accuracy • Extra sturdy • Splashproof from top
• Dust proof • 2 Hi/Lo alarms for temperature range only
 • Large memory • Powerful, easy software • Australian made

Examples of use:
Monitoring of storage of perishable produce, pharmaceuticals, humidity chambers, incubators, humidity controlled rooms, greenhouses, grain storage

Specifications:

Casing: Polycarbonate, watertight to IP68
Size: 65 x 31 x 106mm
Weight: 115g
Ambient: -40 +85°C
Battery: ½AA, 3.6V
Sensor: Thermistor precision
Capacitive precision
Memory: 10,600 each channel
Interface: Special interface cable to RS232 or USB port
Security ID: Permanent serial no.
Warranty: 1 Year not incl.

Conforms to FDA 21 CFR Part 11

Accuracy:
Time: Synchronisation up to ± 1 Sec.
Ranges:

Temperature -40 +0°C	±0.3°
0 +70°C	±0.2°
+70 + 85°C	±0.3°
Humidity:	0 - 10%	±4%
	10 - 90%	±2%
	90 -100%	±4%

Resolution: Better than 0.1

Temperature compensation for humidity
- 20 + 85°C