

# 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

## Temperature Technology

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