



DLHT



The new temperature and humidity datalogger with display

The **DLHT (Datalogger Humidity&Temperature)** is a temperature and humidity recorder with an LCD display that enables to immediately check the data. New features and enhancements make it an extremely versatile instrument also for the **ISO** certification.

Pro

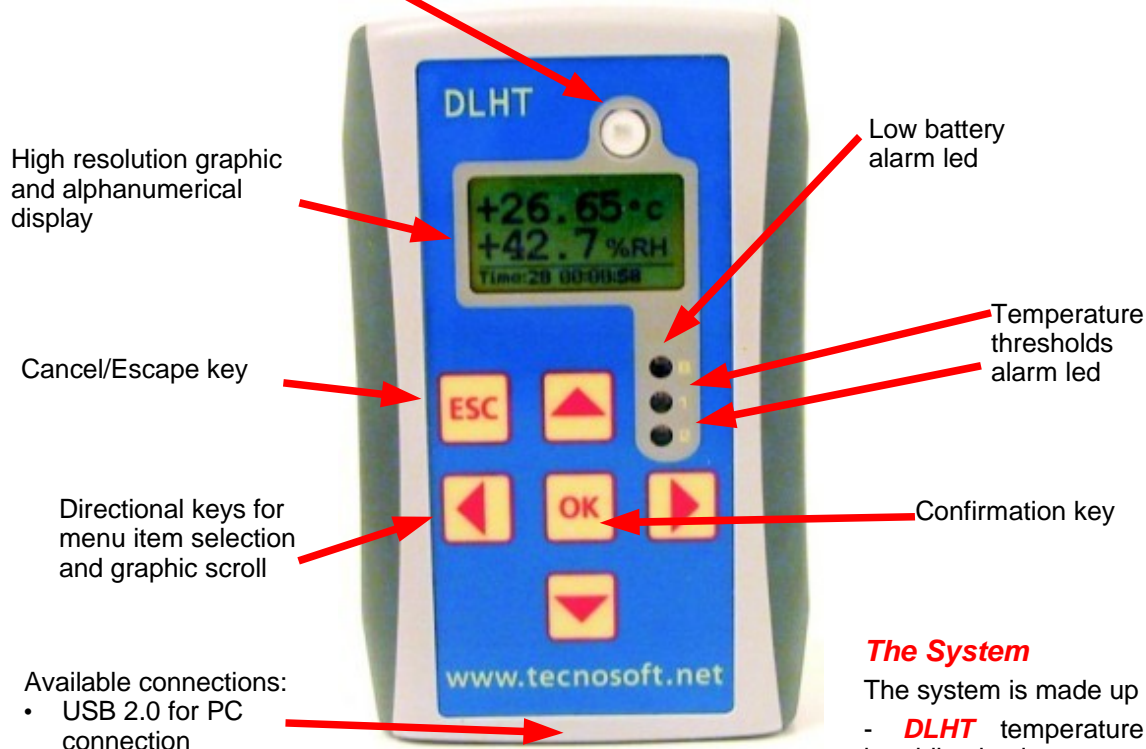
- 21CFR Part 11 compliant software;
- graphic and alphanumeric LCD display;
- LED and sound alarms for temperature and humidity can be set by the operator;
- display actual temperature and humidity, all data recorded in table and graph and all occurred alarms;
- long life batteries (2 years with standard use);
- replaceable batteries: uses two type AA batteries (2 x 1,5 V.).

Applications

- Monitor temperature and humidity during transports;
- Control in chemical labs;
- Control in the pharmaceutical and food industry;
- Environment monitoring;
- Energy saving long-time monitoring.

Humidity and temperature sensor

The **DLHT** shows the actual temperature and humidity of the sensor: it's easy to know what's going on in the room.



The System

- The system is made up by:
- **DLHT** temperature and humidity datalogger;
 - **DLHT** software.

Technical Features

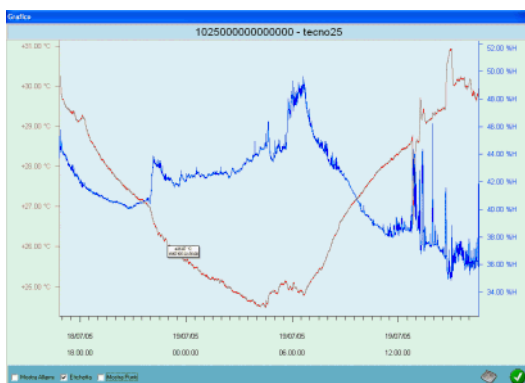


The **DLHT** can have a calibration certificate: the certificate guarantees the accuracy of the internal temperature and humidity sensor.

DLHT	
Size	6,8 X 11 X 2,7 cm
Temperature range	-20 °C ÷ +60 °C
Temperature resolution	0,25 °C
Temperature accuracy	±0,4°C from +5°C to +40°C ±1°C from -20°C to +65°C
Humidity range	0% ÷ 100%
Humidity resolution	0,1% RH
Humidity accuracy	±3% from 10% to 90% ±4% from 0% to 100%
N° acquisitions	500.000
Acquisition interval	From 1 every 5 seconds to 1 every 255 minutes
Batteries	2 replaceable batteries AA 1.5 Volts
Battery life	2 years with standard use
Connections	USB connection to the PC



DLHT Software	
Operating Systems	Windows 2000, XP
Data management	Database organized on data loggers' serial number (unique for each) and description (customizable)
Protections	Multi-user and multi-level software (administrator, advanced and standard users)
Data display	Graph (with zoom) and table (exportable into Excel) and report of all the data printing
Parameters	Temperature and humidity thresholds can be set for the alarms, along with hysteresis
CFR21 Part 11 compliant	Data cannot be changed; all operations recorded and associated to the user for traceability.
Languages	English, Italian




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UNI EN ISO 9001:2000 certified for Firmware and Software development