



DLHT



Temperature and humidity data logger with display

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

Pro

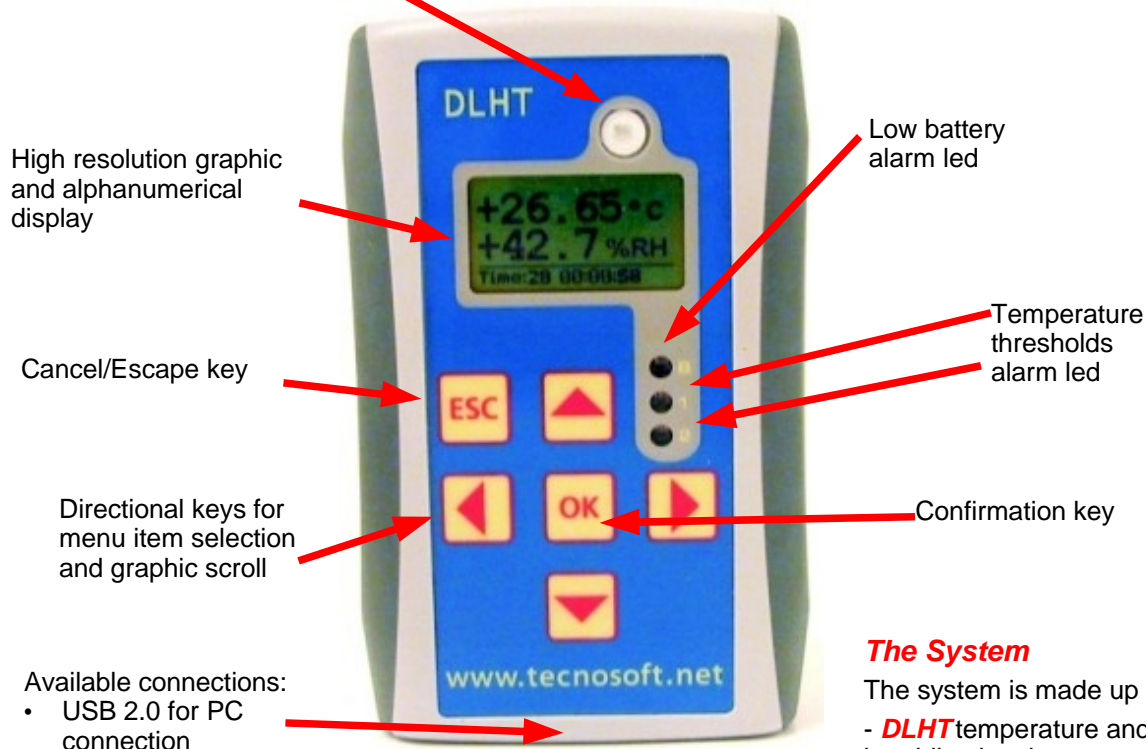
- 21CFR Part 11 compatible software;
- graphic and alphanumeric LCD display;
- LED and sound alarms for temperature and humidity can be set by the operator;
- display actual temperature and humidity, all data recorded in table and graph and all occurred alarms;
- long life batteries (2 years with standard use);
- replaceable batteries: 2 X AA 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 data logger;
 - **DLHT** software.

Technical Features

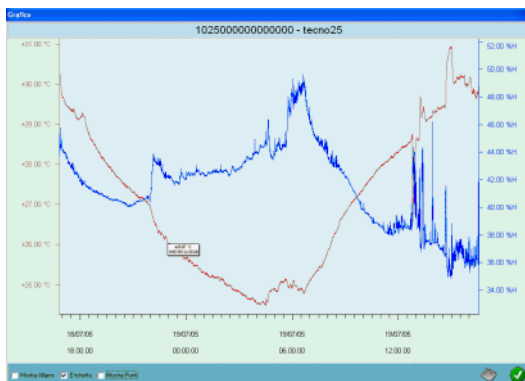


The **DLHT** can have a calibration certificate SIT (NIST equivalent) traceable: the certificate guarantees the accuracy of the internal temperature and humidity sensor.

| 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 up |
| 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 DLHT) and description (customizable) |
| Protections | Multi-user and multi-level software with password and login (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 compatible | Data cannot be changed; all operations recorded and associated to the user for traceability |
| Languages | English, Italian |




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UNI EN ISO 9001:2008 certified for Firmware and Software development