PicoLite

Low Cost Limited Trips Logger

Effective cold chain processes require control over the quality of perishable goods and compliancy with the highest industry standards. The compact and easy-to-use disposable PicoLite USB data logger provides a simple solution for temperature monitoring, throughout mass transportation cold chain processes.

Featuring a built-in temperature sensor, activation button, bi-color LED and direct USB connectivity, the PicoLite offers a plug and record solution for every application. The PicoLite is configured by fourtec's intuitive DataSuite software, offering comprehensive data analysis features and alarm notifications.

By reducing overhead related to more complex multi-trip loggers, the PicoLite meets the challenge of combining low cost with reliability for one-trip, value-for-money data logging.

- Low cost, one-trip, disposable logger for an unbroken cold chain
- Internal, high accuracy temperature sensor
- Unique Boomerang feature that automatically creates and emails PDF data report when logger is connected to PC
- Direct USB interface for PC communication
- 16,000 sample memory accommodating long-distance transports
- Software-enabled activation button to start logging and mark time stamps
- Built-in bi-color LED for logging and immediate alarm indication
- Supported by the complimentary DataSuite software for data analysis and alarm notification
- Up to 6-month battery life depending on operating conditions
- Water and dust resistant IP67

Solutions

AGRICULTURE&
AQUACULTURE

COLD CHAIN

FOOD & FOOD
PROCESSING

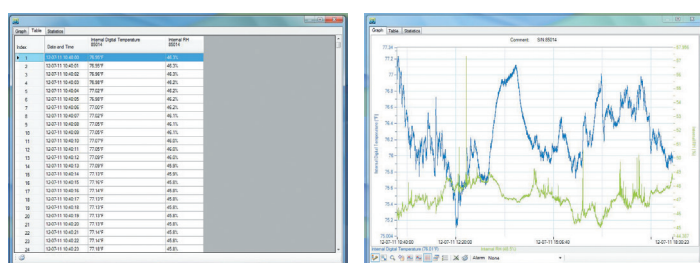TRSNSPORTATION

PHARMA
INDUSTRY

Sense it. Manage it.

FOURTEC

PicoLite Typical Operating Method

1 Record data using internal or external sensors

2 USB data download to PDF report with automatic email delivery

3 Data analysis using integrated DataSuite software
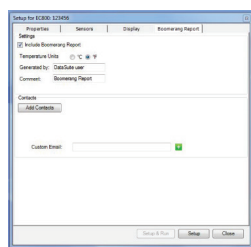
DataSuite Software for PicoLite

Data View Features
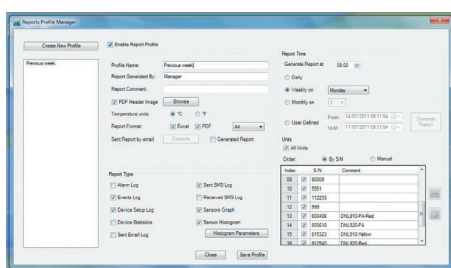Real-time data in multiple displays (Graph, Table, Statistics)

weboomerang™ Feature
Configure logger setup to automatically create and email PDF data report when connected to computer via USB
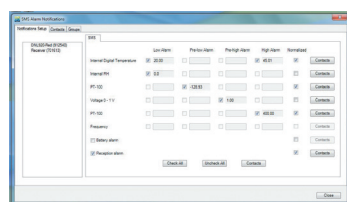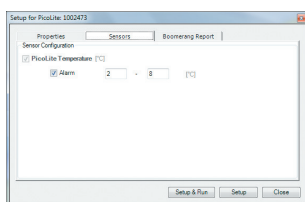

Report Module
The Report module provides the PicoLite user with an intuitive interface for creating and generating reports which have many parameters garnered from the PicoLite units and software. Each report can be emailed to a selected distribution list, at pre-defined time intervals, in PDF and Excel format.
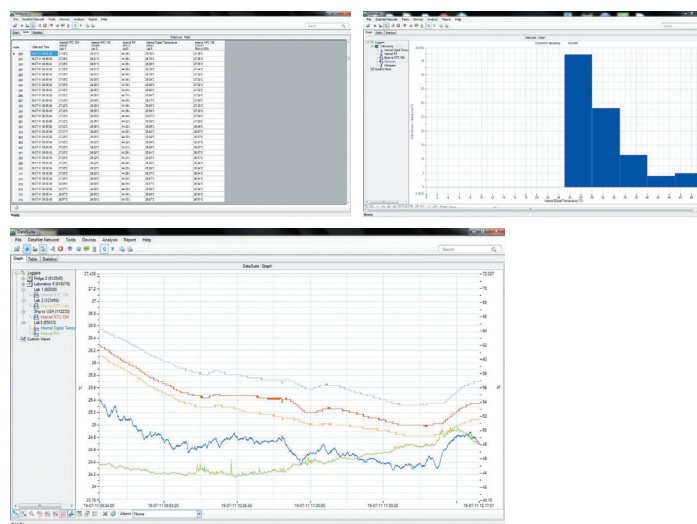

Alarm Features
Alarm setup supporting two levels – Low and High – plus email & SMS notifications in the event of an alarm

Analysis Features
Histogram, Mean Kinetic Temperature, FO Pasteurization, export to Excel and CSV formats, statistics including minimum, maximum and average readings

PicoLite Specifications

Length and Temperature specifications are provided in Metric and Celsius units

Temperature Range	-40 ˚C to 40 ˚C
Accuracy	0.5 ˚C
LED Indicator	Bi-color LED for sampling and alarm indication
PC Communication	USB 2.0 compliant
Sample Memory	16,000 samples
Sampling Rate	Once every minute to once every 18 hours
Battery Type / Battery Life	CR2032 / Up to 6 months depending on operating conditions
Dimensions	74 mm x 30 mm x 13 mm
Weight	15 g
Compliance	CE, EN12830, IP67

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