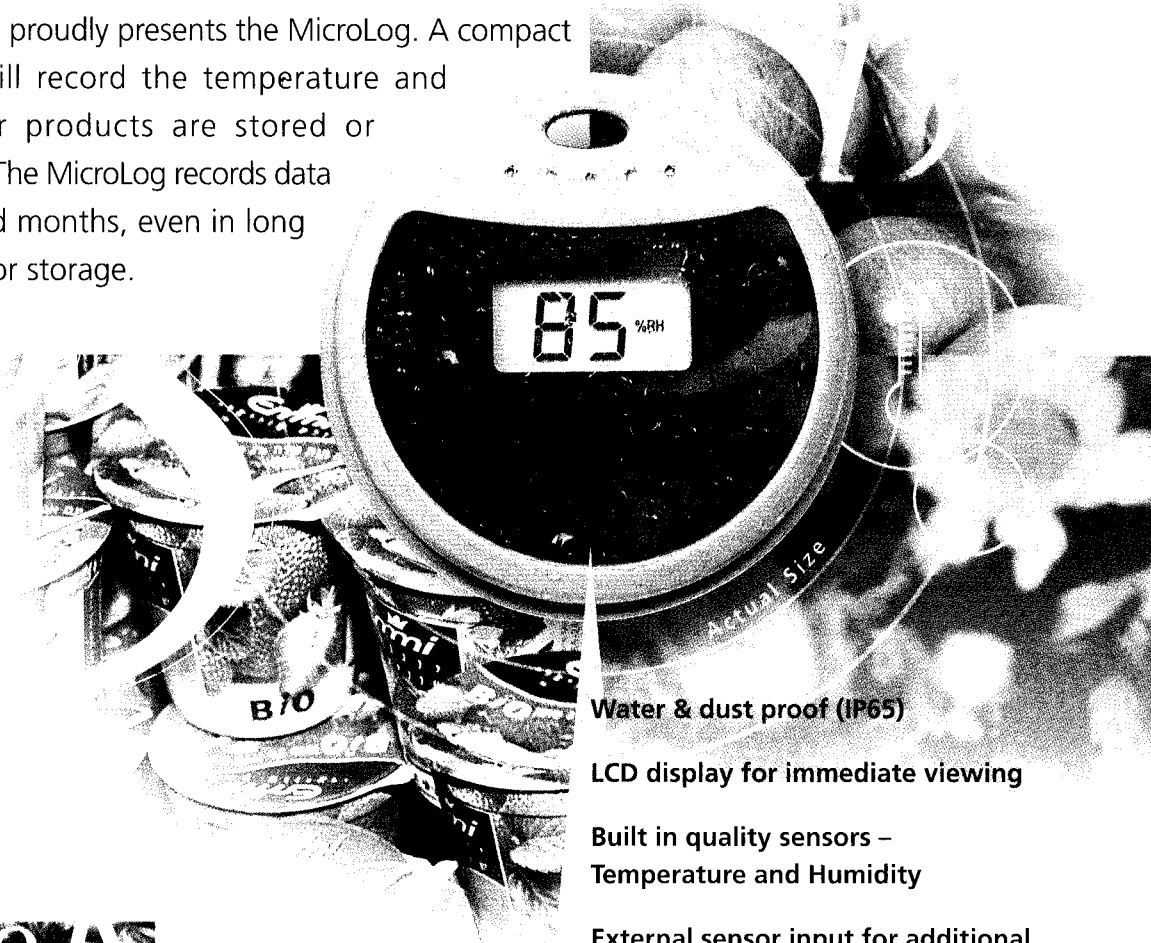


MicroLog

The Quality Keeper

Fourier Systems proudly presents the MicroLog. A compact device that will record the temperature and humidity your products are stored or transported in. The MicroLog records data for months and months, even in long term shipping or storage.



Water & dust proof (IP65)

LCD display for immediate viewing

Built in quality sensors –
Temperature and Humidity

External sensor input for additional
data collection

Infra red communication to PC or
portable printer

Recording sample rate selected
by user

Memory capacity of 16000 samples –
months of recording

Smaller than a pocket calculator!



It's Like
escorting your product
the **whole time!!!**

MicroLog

The Quality Keeper

Technical Specifications

Whether your product is vegetables or medical supplies, ice cream or industrial chemicals. Whether you need to transport your product by air, land or sea. Whether your product travels for hours or weeks, the MicroLog device will ensure your product is transported in the proper conditions.

Two built in quality sensors, one external sensor input for a sensor of your choice, a memory capacity of 16000 measurements, and a 2 digit display make the MicroLog the most innovative and powerful device in the market.

All data viewing, exporting and printing is done by two keys. The MicroLog will continuously display the measurements it takes. It will also display the max. and min. values for a selected time interval. The user can also select an alarm level, and when it is crossed, the display will start flashing.

Using the HP-portable printer you can get a hard copy of the data instantly.

All these great features, in a round case, smaller than a calculator.

When your transport reaches its destination, download the collected data to the MicroLab program for further viewing and analysis, or export it to your favorite spreadsheet. Save the data and keep it for further reference.

Features

- Water and Dust resistant - IP65 standard compliance.
- "Low Battery" power indication
- LCD displays minimum and maximum for required Period.
- 32 character message to be stored in memory - "Name" your MicroLog device
- Built in clock and calendar
- Year 2000 bug compatible - 4 digit year value
- CE, FCC compliance
- Alarm level setting - LCD flickers when crossed

Input

Two built-in sensors

Temperature

Humidity

One external sensor

External (voltage input)

Model

Output

Two digits 7-segment LCD

IRDA interface to portable HP-printer

IRDA interface to PC host

RS-232 cable connection to the PC

(additional to IRDA port)

Memory capacity

Power supply

Water and dust proof

Sampling rate

Dimensions

-30°C - 50°C (resolution 0.5°C, accuracy $\pm 0.6^\circ\text{C}$)

0-100% (resolution 0.5%, accuracy $\pm 3\%$)

0-10 Volts (accuracy $\pm 0.1\text{V}$)

EC600: Temperature + External Input

EC650: Temperature + Humidity + External Input

16000 recording samples

Internal lithium battery - 3.6V TL5101

Battery life - About two years, replaceable (might change when connecting external sensors)

IP65 standard compliance

User defined: From 1 per 10 seconds to 1/two hours

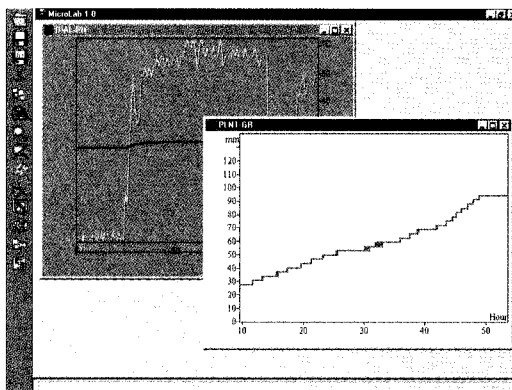
Thickness: 22.9mm

Round: 72mm diameter

Weight: 55gr.

Software

- Windows 3.x, Windows 95/98 compatible
- Export to common worksheet software



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