10 Years ELPRO Datalogger

elpro*LOG Win*

The Clever Evaluation Software

... others require different software for each type of logger

ELPRO
Evaluation software

Upward compatible for more than 10 years!

Approved and certified!

You need only one software package for all ELPRO dataloggers. Enjoy the user-friendly simplicity of it's fully compatible Windows® software. Measured values can be displayed in graph or table form. You can zoom display windows and select a unit of measurement to suit your personal requirements (hours, days, weeks, etc.). Time and value axes are scaled automatically. Simultaneous representation of separately recorded graphs. Statistical evaluation which takes account of min. and max. thresholds. Easy methods for marking data and introducing text. Various additional windows to enable mathematical calculations as well as layout, export and printing functions. Alarm functions with many variables. Introduce your logo into hardcopies for top-quality documentation.

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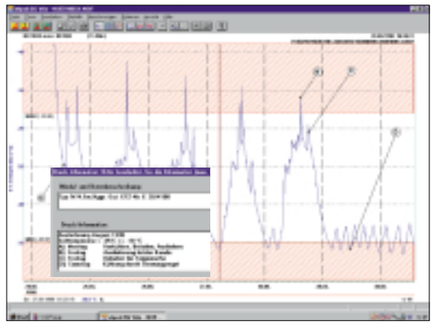
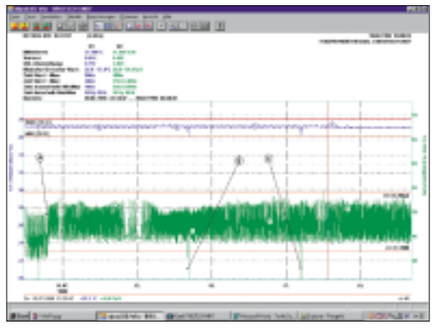
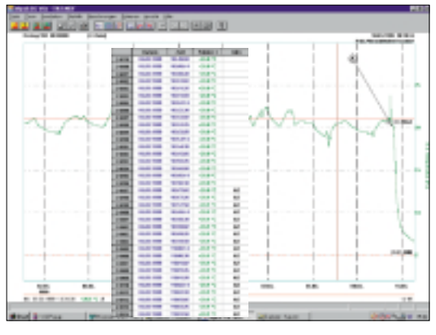


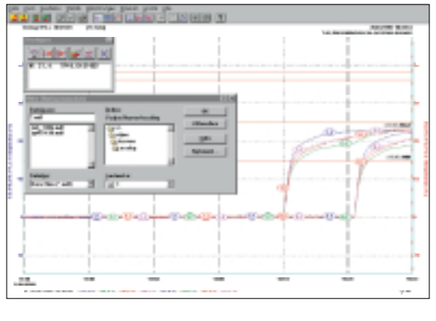
Temperature curve for one week for a refrigerated transport vehicle with eutectic cooling. After a one day stretch the vehicle is loaded for the next day and cooled with electrical refrigerating equipment.
The temperature peaks measured during unloading and the decrease in maximum temperature caused by a weather change can be seen clearly.



Temperature and humidity profile in an incubator. Small changes in temperature adjustment produce the fluctuations in humidity. At the start of the curve you can see a deviation in humidity (A) that was regulated by a readjustment procedure. (B) and (C) mark climate deviations brought about by a door being opened.



Recorded temperature data for a warehouse without air conditioning where temperature-sensitive products are to be stored. The screen display shows that the maximum temperature limit is exceeded every day and that, as a result, an alarm (A2) is triggered. The ideal storing temperature (between +5°C and +8°C) is achieved after installation of refrigaration equipment.



To optimize a process it is often necessary to display separately recorded temperature curves simultaneously. This example shows a four-temperature master module superimposed with a second module.
The curves can be synchronized with the time axis for comparison.
A maximum of 6 measuring modules or 16 curves can be displayed simultaneously.

Accessories

Multi-Purpose and Application Orientated

... let's admit it, others have product lines with just 3 different probes

ELPRO
Most reliable, competent and experienced

Universal temperature probes
NTC: -50°..140°C **3010, 3011**
PT100: -80°..260°C **3161, 3163**

Universal temp. probes robust, up to 50 meter cable
NTC: -50°..140°C **3090, 3091**

Universal temperature probes bendable
PT100: -200°..200°C **3165**
PT100: - 80°..500°C **3166**

Universal temp. probes with high temperature cable
PT100: -80°..500°C **3162**
PT100: -80°..500°C **3169**

Miniature temperature probes
NTC: -50°..140°C **3055**

Special temperature probes bendable with handle
NTC: -50°..140°C **3012**

Thermocouples for HOTBOX BKT4

Type K: -50°..1250°C (Spitze) **3251**

Type K: -50°..1250°C (Spitze) **3252**

Special sensors for HOTBOX BA2S and HOTBOX BV2

Pressure sensor **3261, 3262**

Water level sensor **3263**

Air speed sensor **3264**

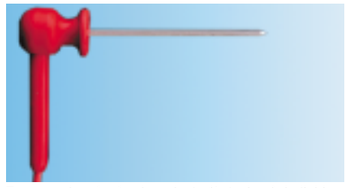
Penetration temperature probes
NTC: -50°..140°C **3020**

Penetration temperature probes with handle
NTC: -50°..140°C **3021**
PT100: -50°..200°C **3164**

Miniature penetration temperature probes
NTC: -50°..140°C **3013**

Plug on probe with lemo connector
NTC: -40°..70°C **3060**
PT100: -35°..55°C **3160**

Surface temperature probes
NTC: -40°..120°C **3041**
PT100: -50°..250°C **3171**



Temp. probes for food products (Autoclave), boilable
PT100: -50°..180°C **3168**

Temperature probes for food products, boilable
NTC: -50°..140°C **3024-B**

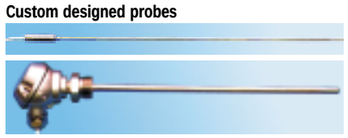
Current clamp 2..500 A **3269**

Current clamp 1..150 A **3268**

CO_2 transmitter
0 ..2000ppm **3271-C**

A requirement for a satisfactory solution to any measuring assignment is the selection of the appropriate temperature sensor. Module design, mechanical requirements and constructional characteristics often appear incompatible. The parts shown here are a few of the most frequently used accessories.
Inform us about your application and we will work out the best customized solution.

Custom designed probes

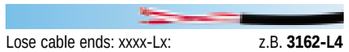


Additional accessories

Inox compression fitting **3211**

Calibration device **2902**

Connector and cable ends



Lose cable ends: xxxx-Lx: z.B. **3162-L4**

Lemo connector: xxxx-Sx: z.B. **3162-S4**

DB15 connector: **3032, 3032-B, 3215-B**
e.g. universal temperature probes **3162-L4 + 3032-B**

Alarm systems

Xenon-flash **2311-B**
Flash light and siren **2311-C**

Remote alarm receiver **2340-R**

Remote alarm sender **2340-T**