

HY-LiTE® 2 System

Luminometer complete with accessories, for portable use in food & drink production, to monitor the hygienic status acc. to HACCP requirements in a rapid and reliable way.

The hygiene monitoring system

HY-LiTE® 2 kit contains a HY-LiTE® 2 luminometer with built-in printer and 1 roll of printer paper, Mains power supply, Batteries, PC-cable, TREND 2 Software, Operator manual (Different language versions available) and Step-by-step guide. All parts are delivered as COMPACT KIT in shoulder bag, or as SUPERVISOR KIT in robust, handy case.

Features and benefits

- Reliable and robust product
- Easy 5-buttons operation
- Half-automatic lid
- Temperature compensation
- Unique self check of calibration
- Advanced data management
- Runs from mains or from standard batteries
- Built-in memory, PC-port, ROM-key port and Printer

Experimental procedure

From Main Menu, select "Test Only" using the up and down arrow keys, and press "OK".

The lid of the measurement chamber will open automatically, and the test pen can be easily inserted. Then close the lid, and the measurement starts automatically.

This is the simplest and fastest means of making measurements with the HY-LiTE® 2. The results are displayed immediately on the screen and can be printed with the internal printer.

More than 2000 complete sets of data can be stored with the HY-LiTE® 2 System by using the measurement modes "Test & Store" or "HACCP Plan".

Data can easily be printed out at a later stage, or downloaded to a PC.

Specifications

Dimension	11 x 13 x 28 cm
Application	Primarily for examination of cleaning/sanitation in food production environments. The HY-LiTE® 2 System may only be used with HY-LiTE® pens.
Display of results	Display of the light intensity (from bioluminescence) in relative light units.
Working range	Linear: 0 - 99.000 RLU, Logarithmic: 0 - 5.00 log 10 RLU
Self-checks	Automatic self-check against a built-in standard, automatic correction of the background signal, and automatic temperature compensation during each measurement.
Data handling	Optimum usage of the memory capacity by intelligent data handling. More than 2000 sets of data stored. Display information of the free memory capacity.
Test modes	HACCP Plan, Test & Store, Test Only.
Display	Graphic LCD display with 14 lines and adjustable contrast.
Control buttons	1 on/off button and 4 function buttons.
Printer	Built-in thermal printer.
Ambient conditions	Measurements at 5-35 °C, 5-95% air humidity. When moved from a cold to a moist, warm environment, the development of condensation must be prevented.
Connections	Two serial RS232 interfaces for data transfer between system and a computer. One low-voltage socket for the HY-LiTE® power supply unit. One ROM key port.
Mains operation	The HY-LiTE® 2 can be connected to the mains with the power supply unit and 4 mains adapters for worldwide use.
Portable operation	Recommended batteries: 4 normal, sealed 1.5 V alkali batteries size Mignon LR6 AA.
Approvals	CE TÜV GS UL

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Technical Information about HY-LiTE® System

Power supply

- a. the system has been switched off before and
- b. the system has been left adapted to the mains for additional 5 seconds, after the last screen („Testing for empty chamber ...“) has been disappeared.

Before disconnecting the HY-LiTE® System from the mains (power supply unit) please take care, that

Please take care, that the system is always equipped with the Activation card, in case no batteries or mains power supply unit is used. If batteries have to be changed, don't leave the system more than a few minutes without Activation card. Best you change batteries within about half a minute, because then you don't have to set time and date again.

Printer paper

Before using the HY-LiTE® System for the first time, the end of the paper should be pulled out for 1-2 cm of the slit. This should also be repeated, if the built-in printer has not been used for longer (some weeks). Otherwise it could happen, that the first lines of the printout can not be read properly.

In all cases, when you pull out the paper manually, please pull the paper

- a. only in pieces of few centimeters, then starting again (to pull out next short piece of paper)
- b. by pulling slightly upward (not horizontally or downward).

These measures will reduce the risk of paper jam.



Literature

DE ZUTTER, L., HELLWIG, K., a. LINDHARDT, C.: ATP method is highly suitable for hygiene monitoring (translated from the Dutch original) - De Keurmeester, 3; 5-10 (1998)

Ordering Information

Product	Ordering No.	Pack contents	Manual
HY-LiTE® 2 System	1.30100.0301	HY-LiTE® 2 Luminometer complete with accessories in shoulder bag.	on CD