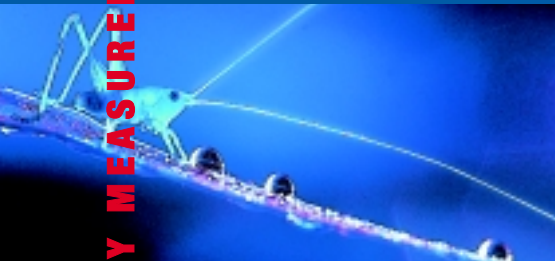


ROTRONIC - LEADING IN HUMIDITY MEASUREMENT



Humidity-Temperature Data Logger

compact • accurate • calibration-free

HYGROCLIP®

HygroLog®

- Advanced sensor technology with microprocessor and ASIC provides accuracy better than $\pm 1.5\%RH$ and $\pm 0.3\text{ }^\circ C$
- Fully programmable with alarm function
- Memory capacity of 5,000 humidity-temperature data points
- Up to one year operation without battery replacement
- Powerful, user friendly Windows based software
- Probe can be separated from electronics for measurements in the range of $-40\text{...}85\text{ }^\circ C$ ($-40\text{...}185\text{ }^\circ F$)
- HygroClip® plug-in probe is supported by our worldwide exchange program and is quickly replaced with no loss of accuracy and no calibration



ROTRONIC - Your
SCS Calibration Laboratory
for Relative Humidity
Accred. Reg N°. 065

rotronic
instrument corp

Technical data

	HygroLog	HygroLog-D
Plug-in probe	HygroClip S (included)	
Humidity Sensor	ROTRONIC HYGROMER® C94 (capacitive)	
Temperature Sensor	Pt100 1/3 DIN RTD	
Operating Range - Logger	0...100%RH -10...50 °C with alkaline batteries -20...70 °C with lithium batteries	0...100%RH -10...50 °C (limited by LC display)
Operating Range - Probe	0...100%RH and -40...85 °C (use extension cable for full temperature range)	
Accuracy at 23°C	better than ±1.5%RH and ±0.2°C / ±0.4°F	
Repeatability	<0.5%RH and 0.1 °C	
Memory	5,000 x humidity and temperature data points	
Log Interval	15 sec to 120 minutes	
Batteries	3 x 1.5 V	
Battery Life (5 min. log interval)	about 1 year	about 6 months
External Power	8...20VDC (requires HYGROLOG-IPH holder and AC adapter)	
PC Connection	by data cable to a serial port (after unplugging the HygroClip probe)	
Software	HW3 (order separately together with data cable)	
PC requirements	Microsoft Windows 95/98 or NT, MSIE 4.0 Browser or higher 90 MHz Pentium, 32 MB RAM, VGA monitor 800 x 600, 256 colors or higher	
Case Material	ABS	
Protection Grade	IP65	
Dimensions	140 x 85 x 25 mm (5.51 x 3.35 x 0.98")	
Weight	200 g (0.44 lb)	

Software and Programming



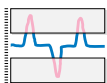
Continuous (Loop) Recording:

data recording begins as soon as the HygroClip is plugged in. When the memory is full, the oldest data is erased as new data is added.



Start/Stop Recording:

data recording begins at a specific times and ends when the memory is full.

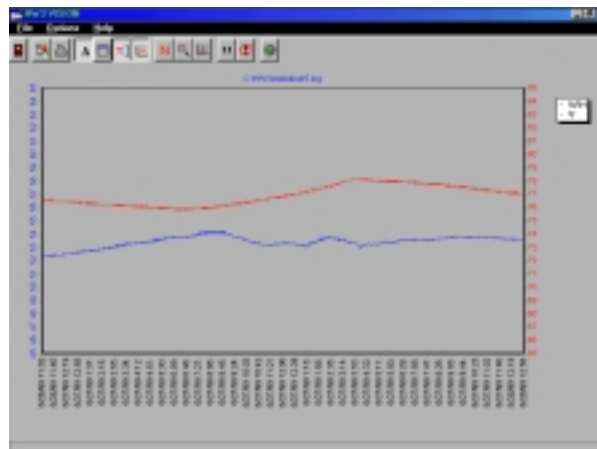


Alarm Values:

alarm values can be programmed and shown on a chart. The display of the HygroLog-D provides an indication when any alarm value has been exceeded.

HW3 Software:

the HW3 software is used to program and read the Hygrolog. The data can be displayed as a table or as a graph. If so desired, HW3 can also be used to calibrate the HygroClip.



Accessories

HYGRODATA-HL	HW3 software and data cable
HYGROLOG-IPH	Wall-mount holder, can be used with or without AC adapter
HYGROLOG-SP	Shock protection for HygroLog/D
MOK-xx-DAT05	Extension cable for the HygroClip xx = 01 (1 m / 3 ft) or 02 (2 m / 6 ft) or 05 (5 m / 15 ft maximum length)
HYGROCLIP-R	Replacement plug-in probe 100% interchangeable without calibration
ER-15	Calibration device for HygroClip
EAXx-SCS	Certified humidity standards (box of 5) xx = 0, 5, 10, 20, 35, 50, 65, 80, 95%RH
MOK-02-WIN	Calibration cable for HygroClip (plugs into the COM port of a PC)



HygroLog-IPH