HygroPalm HP-GTS – Measuring instrument for the paper industry

The HygroPalm HP-GTS from Rotronic is a tried-and-tested instrument for measurement of equilibrium relative humidity and temperature in stacks of paper and cardboard.
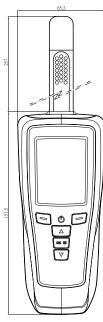
APPLICATIONS

Humidity measurements in stacks of paper, cardboard and textiles for paper and textile technicians and printers.
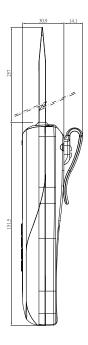
FEATURES

- Measures relative humidity and temperature in stacks of paper
- Graphical display of measured values
- Freely adjustable visual and audible alarm
- 64,000 data point memory with programmable logging interval

General specifications	
Order code	HP-GTS
Device type	Handheld device (%rh / °C)
Range of application of instrument and probe	-10...60 °C / 0...100 %rh (non-condensing)
Humidity sensor	ROTRONIC HYGROMER IN-1
Accuracy @ 23 °C	±2 %rh / ±0.3 °K
Functions	Spot measurements Programmable logging interval MIN / MAX / AVG
Logging interval	1 s...24 h
Memory capacity	8 x 8000 data points
Display refresh rate	1 s (typical)
PC interface	Micro-USB port, HygroSoft software compatible
Integrated battery	• Rechargeable lithium polymer battery • 3.7 V • 1000 mAh • 48 h with screen off, logging every 30 s • 10 h with screen always on
Housing / Mechanics	
Housing material	ABS, TPR
Probe material	Aluminum
IP protection class	IP65 (measuring instrument)
Dimensions	408 x 63 x 30 mm
Weight	225 g

Delivery package		**Recommended accessories**	
• HygroPalm HP-GTS		• Calibration device for sword probes	EGS
• Soft case		• Humidity standard for calibration 10 %rh	EA10-SCS
• Micro-USB cable (computer connection and battery charging)		• Humidity standard for calibration 35 %rh	EA35-SCS
		• Humidity standard for calibration 80 %rh	EA80-SCS