

HYGROCLIP[®]

Humidity goes Digital



HygroPalm 0

Portable Humidity Temperature Instrument

- Precision measurement of humidity and temperature
- Integrated probe with $\pm 1.5\%rh/0.3\text{ }^\circ\text{C}$ accuracy
- Dew-point measurement and wet bulb temperature
- 1-point adjustment performed in seconds
- SWISS MADE

HYGROPALM

HYGROCLIP®

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HygroPalm 0

- Portable instrument for %rh, °C/°F
- Display of dew-point or wet-bulb
- Single point probe adjustment

HygroPalm 0 is an ergonomic instrument with an integrated probe that provides measurements with high precision.

The accuracy of ±1.5 %rh at 23 °C over the whole range of humidity is unrivalled in this price class. The Hygromer® AC-1 humidity sensor has an unparalleled long-term stability of better than 1 %rh /year!

ROTRONIC grants a warranty period of two years for this product.

Calibration

In combination with the SCS*-certified humidity standards, a single point adjustment can be performed directly with the keypad.

* SCS = Swiss Calibration Service

Applications

Monitoring of production sites, warehouses, museums, galleries, shopping centres, laboratories or computer rooms are typical applications for this instrument.



Summary & Technical Data

SPECIFICATIONS	HYGROPALM 0
Measuring range	0...100 %rh, -10...60 °C
Humidity sensor	Hygromer® AC-1
Temperature sensor	Pt100 1/3 DIN
Accuracy at 23 °C	±1.5 %rh, ±0.3 K
Reproducibility	Better than 0.5 %rh, 0.1 °C
Long term stability	< 0.1 %rh/year
Calculations	Dew point and wet-bulb temperature
Adjustment	1-point (%rh, °C, °F) directly with keypad
Operating range electronics	0...100 %rh (non condensing) / -10...+60 °C
Display type	Liquid crystal 4 line alphanumeric
Display resolution	0.1 %rh, 0.1 °C/°F, 0.01 calculated value
Instrument power supply	30 mA max. power consumption, 9 V alkaline battery, 100 hours life, 9 V rechargeable, 75 hours life, docking station recharging, 9 V mains adapter,
Weight	Ca. 280 g

ORDER INFORMATION	HYGROPALM AND ACCESSORIES
HygroPalm 0	Humidity temperature meter, incl. probe, dew-point/wet-bulb calculation
PalmDock 1	Docking station for power connection with battery charger
PalmDock 2	Same as PalmDock 1, but with lock
AC1207	Mains adapter for PalmDock 1 and PalmDock 2
ER-15	Calibration device
EA35-SCS	Humidity Standards 35 %rh (box of 5 ampoules) with SCS certificate)
EA50-SCS	Humidity Standards 50 %rh (box of 5 ampoules) with SCS certificate)
EA80-SCS	Humidity Standards 80 %rh (box of 5 ampoules) with SCS certificate)
HygroPalm 1	Humidity temperature meter for HygroClip probes with dew-point/wet-bulb calculation
HygroClip S	Interchangeable sensor module for climate measurement, 0...100 %rh, -40...85 °C

深圳市杰晟兴电子有限公司 JM Components Limited

地址: 深圳市福田区中航路7号鼎诚国际大厦南座2007室

手机: 13662266995 马少良 电话: 0755-83951311

官网: cn-sensor.com

邮编: 518031

传真: 0755-83952401

电邮: jackson@jmcomponents.com