

TRH2301 - TRH2101 PORTABLE DIGITAL THERMO-HYGROMETER

Temperature / Relative humidity handheld instruments with a large LCD display.

Application:

- Air conditioning, storage

Standard equipment:

- instrument, temperature and air humidity combined probe

Optional accessories split probes:

- immersion, contact, penetration temperature probes

- tip temperature and %RH probe, stainless steel, ideal for granules, flakes, etc.

- sword temperature and %RH probe ideal for paper, cloth rolls, etc.

Versions:

- **TRH2301** basic instrument, combined °C/%RH probe, case, instructions manual

- **TRH2101.1K** Basic instrument, RS232C serial port to transfer, in real time, the acquired measurements to a PC or to a portable printer.

- **TRH2101.2K** Datalogger stores up to 38,000 samples which can be transferred to a PC connected to the instrument via the multi-standard RS232C serial port and USB 2.0. Storage interval, printing, and baud rate values configurable to menu by software included.



TRH2301



TRH2101.2 combined probes

TECHNICAL SPECIFICATIONS

Display:	2x41/2 digits plus symbols Visible area: 52x42mm
Range:	0 ... 100% RH Resolution 0.1% RH Accuracy $\pm 0.1\%$ RH Drift after 1 year 0.1% RH / year Pt100 -200 ... + 650°C, Pt1000 -200 ... + 650°C, Ni 1000 -50 ... + 250°C (TRH2101 only) Resolution 0.1°C Accuracy $\pm 0.1^\circ\text{C}$ Drift after 1 year 0.1°C / year
Ambient temperature:	-5...+50°C
Power supply:	3x 1.5V AA(TRH2301), 4x 1.5V AA (TRH2101*)
Dimensions (WxDxH) :	140x88x38mm TRH2301, 185x90x40mm TRH2101
Weight:	160g (with batteries TRH2301), 470g (with batteries TRH2101)
Protection degree:	IP67







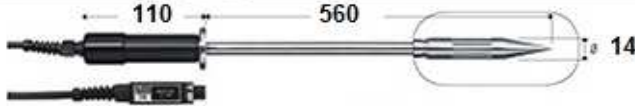
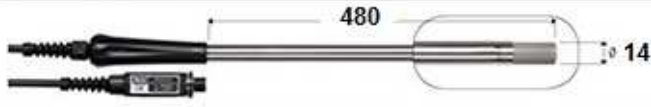
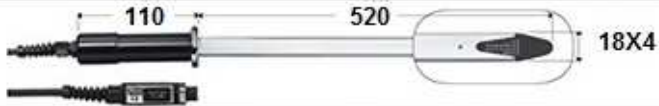

SATEMA

13856 VIGLIANO B.SE - Via Milano, 395




Tel. +39 015811102 - Fax 0158853029

Mail: info@satema.it <http://www.satema.it>

SPLIT HUMIDITY AND TEMPERATURE PROBES

Code	Sensors	Range RH/°C	
472ACR	RH/PT100	0-100%RH 20-+80	
572ACR	RH/TC-K		
473ACR	RH/PT100	0-100%RH - 40+150 (+180°C 475AC1R)	
474ACR			
475ACR			
475AC1R			
477DCR			
478ACR			

SATURATED SOLUTIONS AND PROTECTION CAPS FOR USER CALIBRATION

Code			
HD75	M24x1,5 threaded ring for probes diameter 26; M12x1 threaded ring for probes diameter 14		
HD33			
P1	Diameter 26	M 24 x 1.5	
P2			
P3			
P4			
P6	Diameter 14	M 12 x 1	
P7			
P8			



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