

**Digital Network Thermo-hygrometer**  
New measurements with Hub-system  
**Model TRH-7X**



SHINYEI TRH-7X is the high performance digital network thermo-hygrometer that can be used as standard instrument for any sensing purposes.

**Features**

- \* Display RH, Temp, Dewpoint, Absolute humidity, Humidity mixing ratio on big LCD.
- \* Humidity measurement accuracy  $\pm 1.5\%RH$  (at 15 to 35°C, 30 to 90%rh)
- \* Simultaneous display for 4 each channels on display
- \* Up to 15 channels on PC display
- \* Hub system allows use of multiple channels RS-232C (serial port) output terminal.

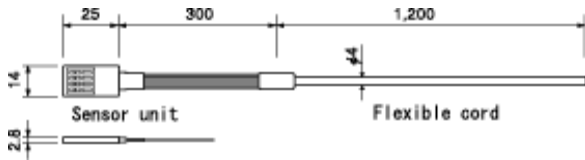
**Specification**

Humidity Sensor	Shinyei Hument HPR-MQ
Temperature Sensor	Thermistor
Power Source	AC adaptor
Temperature Measurement Accuracy	+/- 0.3 °C (at 15 to 35°C)
Humidity Measurement Accuracy	+/-1.5%rh (at 15 to 35°C, from 30%rh to 90%rh)
Analog Output	0 to 1 VDC : probe 4 channel, Temp/RH simultaneous output (D-SUB 25-pin male connector) RH/Temp range changeable by software
Digital Output	RS-232C Data communication via software (D-SUB 9-pin male connector)
Display	LCD, 20 characters x 4 lines display (Mode 1) 4 channels of probe simultaneously (Probe No./RH/Temp) (Mode 2) display 4 channel of probe scrolling (Probe No./ RH/Temp/Humidity mixture ratio/Absolute humidity/Dew point)
Operating Temp/RH Range	0 to 40°C, less than 80%rh (Electronics) -20 to 80 °C, less than 95%rh (Sensor)
Dimensions	W295 x H75 x D175mm
Weight	700g

**Configuration and Ordering information of sensor probe**

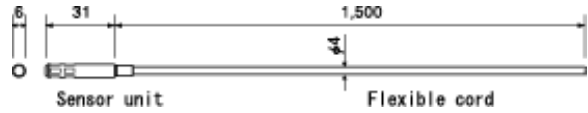
Thin type

**THP-728**



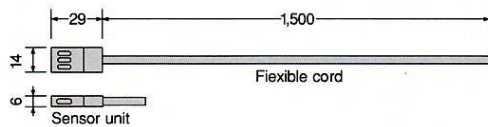
Compact type

**THP-76**



Flat type

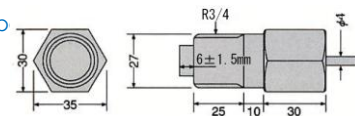
**THP-73**



Pressure-proof type

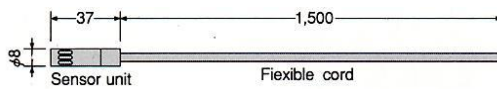
(1Mpa)

**THP-75A**



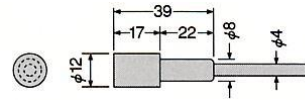
Tubular type

**THP-74**



Dust-type

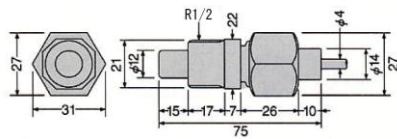
**THP-77**



Pressure-proof type

(0.5MPa)

**THP-75**



Remark; We have the right to revise specifications and product configurations without notice.

**Caution for use**



! Avoid condensation and drenching.

! Avoid application of the Humidity Sensor in the salt, inorganic gases and organic gases.



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