

*pen type, all in one*

# HUMIDITY/TEMP. METER

**Model : PHT-316**

*ISO-9001, CE, IEC1010*



**Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement*

# HUMIDITY/TEMP. METER

Model : PHT-316

FEATURES	
* Professional Humidity measurement with fast response time.	
* Temperature measurement with °C, °F unit.	
* Two displays, show Humidity/Temperature value at same time.	
* Bright LCD display.	
* Microprocessor circuit ensures high accuracy and provides special functions and features.	
* Data hold to freeze the display value.	
* Internal °C, °F selection with default.	
* Auto power off saves battery life.	
* Operates from DC 1.5V ( UM4/AAA ) x 4 PCs batteries. Durable, long-lasting components, enclosed in strong, compact ABS-plastic housing.	

GENERAL SPECIFICATIONS		
Display	LCD size : 28 mm x 19 mm.	
Display Direction	Normal or reverse	
Unit	Temp.	°C, °F
	Humidity	%RH
Circuit	Custom one-chip of microprocessor LSI circuit.	
Sensor Structure	Humidity	Capacitance humidity sensor, semiconductor
	Temperature	Semiconductor
Data Hold	Freeze the display reading.	
Sampling Time	Approx. 1 second.	
Power off	Auto shut off saves battery life or manual off ( REC function ).	
Operating Temp.	0 to 50 °C.	
Operating Humidity	Less than 80% R.H.	
Power Supply	DC 1.5 V battery ( UM4/AAA ) x 4 PCs,	
Power Current	Approx. DC 6.5 mA.	
Weight	157 g/ 0.35 LB.	
Dimension	210 x 40 x 40 mm (8.3" x 1.6" x 1.6")	
Accessories Included	Instruction manual..... 1 PC	
Optional Accessory	Soft carrying case with sash ( 210 x 80 x 50 mm ), Model : CA-52A	

ELECTRICAL SPECIFICATIONS (23±5 °C)	
<b>Humidity</b>	
Range	10 % to 95 % R.H.
Resolution	0.1 % R.H.
Accuracy	$\geq 70\% \text{ RH}$ $\pm (3\% \text{ reading} + 1\% \text{ RH}).$ $< 70\% \text{ RH} - 3\% \text{ RH}.$ $\pm 3\% \text{ RH}.$
<b>Temperature</b>	
Measuring Range	0 °C to 50 °C/32 °F to 122 °F
Resolution	0.1 °C/0.1 °F
Accuracy	$\pm 0.8 \text{ °C}/1.5 \text{ °F}$

\* Appearance and specifications listed in this brochure are subject to change without notice.

0905-PHT316