Sound, Anemometer, Anemometer, %RH, Temp., Type K

5 IN 1 METER

Model : LM-8102

ISO-9001, CE, IEC1010







The Art of Measurement

5 in 1 Anemometer, Humidity meter, Light Meter, Thermometer, Sound level meter Model : LM-8102

		ng instrument: Anemometer,	Type K Theri	nometer			
Hygrometer, Type K Thermometer, Light meter. Sound level meter.			Measurement		Range	Resolution	
^c Anemometer use low-friction ball bearing mounted wheel design provides high accuracy. ^c Light meter use exclusive photo diode and color			Temperature (Туре К)	-148 to 2372 °F -100 to 1300 °C	0.1 °F	
					-	0.1 0	
correction filter light sensor, spectrum meets C.I.E.			Measurement	Range	Accuracy	<u>,</u>	
photopic. Type K thermometer use standard type K (NiCr-NiAl)			Temperature (Type K)	-148 to 2372 °F -100 to 1300 °C			
		itable for all kinds of type		r (Air velocity)	· · · · ·	·]	
Humidity met		ecision humidity sensor	·	(An velocity)			
with fast resp Sound level r		eristic is simulated as	Measurement Air velocity	ft/min	Range 80 to 5910 ft/min	Resolution	
" Human Ear	Listing" respon	nse, used the " A " frequency		m/s	0.4 to 30.0 m/s	0.1 m/s	
		weighting to meet IEC		km/h	1.4 to 108.0 km/h		
61672 class 2		erate the external 94 dB		MPH knots	0.9 to 67.0 mile/h 0.8 to 58.3 knots		
	sound calibrator and just press the front buttons to make			Temperature	32 to 122 °F	0.1 °F	
the calibratio				(Semiconductor)	0 to 50 °C	0.1 °C	
	oprocessor circ and accuracy.	uit assures excellent	Measurement	Range	Accuracy		
* Concise and compact buttons arrangement, easy operation.			Air velocity	80 to 5910 ft/mi			
* Memorize the maximum and minimum value with recall.				0.4 to 30.0 m/s	≦ 20 m/s : ± 3%		
* Hold function to freeze the current reading value.				1.4 to 108.0 km/			
^c C/ ^o F detection by pressing button on the front panel.				0.9 to 67.0 mile/ 0.8 to 58.3 knot			
* Air velocity measuring units selection by pressing button				32 to 122 °F	± 2.5 °F		
on the front panel for five kinds of units. Multi channel display for relative humidity and				0 to 50 ℃ ± 1.2 ℃			
		ative humidity and es or air velocity and	Remark : ft/min : feet ne	r minuto	MDH - miles per have		
		es at the same time.	ft/min : feet pe m/s : meters pe		MPH : miles per hour knots : nautical miles	per hour	
* Zero button o	design makes l	ight meter calibration.	km/h : kilomete				
	ng case suitabl computer data	e for handling with one hand, bus	Light				
	•			1	Dango	Pocalution	
GENERAL SPE Display		S CD soze : 41.5 x 31.5 mm.	Measurement Light		Range 0 to 2,200 Lux	Resolution	
leasurement	5 in 1 :				1,800 to 20,000 Lux	10 Lux	
		er (Air velocity + Temp.)	* auto range		0 to 204.0 Fc	0.1 Ft-cd	
	Humidity (S	%RH + Temp.)	Temperature (1 Ft-cd 0.1 °F	
	Thermometer (type K)			-148 to 2372 F 0.1 F -100 to 1300 °C 0.1 °C			
norotin-	Sound level		110000	Danga	1.00000000		
Dperating Humidity	Max. 80 %RH.		Measurement Light		Accuracy ± 5% rdg ± 8 dgt		
Operating	0 to 50° C (32	0 to 50° C (32 to 122° F)		0 to 1,860 Fc			
Cemperature	laste the fill		Temperature		$\pm (1\% \text{ rdg} + 2\%\text{F})$		
Dver Input Display	Indication of "		(Type K) Remark : Ft-	-100 to 1300 ℃ cd : feet candle	± (1% rdg + 1℃)		
Data Output	RS 232/USB PC serial interface.						
	* Connect the optional RS232 cable UPCB-02 will get the RS232 plug.		Sound Level				
		* Connect the optional USB cable		Auto range			
		get the USB plug.	Measurement Range	35 to 130 dB, 3 ranges :			
Power Supply		DC 1.5 V battery (UM4, AAA) x 6 PCs, Or DC 9V adapter input. @ AC/DC power adapter is optional. Anemometer : Approx. DC 11 mA.		range 1 - 35 to 80 dB, range 2 - 50 to 100 dB, range 3 - 80 to 130 dB,			
ower							
Consumption		s : Approx. DC 7.5 mA.	Resolution	0.1 dB.			
Veight		(battery included).	Measurement	31.5 Hz to 8,00	8,000 Hz.		
Dimension Standard		x 34 mm (9.8 x 2.8 x 1.3 inch). nual 1 PC	Frequency Weighting	Frequency	Characteristics of " A	froquency	
Accessory	man ucuon Ma	1 PG	weighting		weighting network.	- пеquency	
Optional	Carrying case.			3.3	* A weighting :		
Accessories	Type K Tempe				The characteristic is simulated as " Human Ear Listing " response.		
	Sound Calibrat			Time	" Human Ear Listing " Fast " time weighti		
	RS232 cable/U			Weighting		<u> </u>	
		on software, SW-U801-WIN.	Accuracy (23± 5 °C)		of " A " frequency w	eighting	
	IAC to DC now	AC to DC power adapter.			EC 61672 class 2. put signal, the accur	racy	
	AC TO DO POW		1	are :			
ELECTRICAL		ON (23±5℃)			Hz + 3.5 dB		
	SPECIFICATI			31.5 63			
Hygrometer (SPECIFICATI	emp.)		31.5 63 125	Hz ± 2.5 dB Hz ± 2.0 dB		
Hygrometer (Measurement	SPECIFICATI			31.5 63 125	$\begin{array}{rrr} Hz & \pm 2.5 \text{ dB} \\ Hz & \pm 2.0 \text{ dB} \\ Hz & \pm 1.9 \text{ dB} \end{array}$		
ELECTRICAL . Hygrometer (Measurement Humidity	SPECIFICATI (Humidity/To %RH Temperature	Range Resolution 10 to 95 %RH 0.1 %RH 32 to 122 °F 0.1 °F		31.5 63 125 250 500 1 K	$\begin{array}{llllllllllllllllllllllllllllllllllll$		
Hygrometer (Measurement	SPECIFICATI (Humidity/To %RH Temperature	emp.) Range Resolution 10 to 95 %RH 0.1 %RH		31.5 63 125 250 500 1 K 2 K	$\begin{array}{llllllllllllllllllllllllllllllllllll$		
Hygrometer (<i>Neasurement</i> Iumidity	SPECIFICATI	Range Resolution 10 to 95 %RH 0.1 %RH 32 to 122 °F 0.1 °F 0 to 50 °C 0.1 °C		31.5 63 125 250 500 1 K 2 K 4 K	$\begin{array}{rrrr} Hz & \pm 2.5 & dB \\ Hz & \pm 2.0 & dB \\ Hz & \pm 1.9 & dB \\ Hz & \pm 1.9 & dB \\ Hz & \pm 1.4 & dB \\ Hz & \pm 2.6 & dB \\ Hz & \pm 3.6 & dB \end{array}$		
<i>lygrometer (</i> <i>leasurement</i> lumidity <i>leasurement</i>	SPECIFICATI (Humidity/To %RH Temperature	Range Resolution 10 to 95 %RH 0.1 %RH 32 to 122 °F 0.1 °F		31.5 63 125 250 500 1 K 2 K	$\begin{array}{rrrr} Hz & \pm 2.5 & dB \\ Hz & \pm 2.0 & dB \\ Hz & \pm 1.9 & dB \\ Hz & \pm 1.9 & dB \\ Hz & \pm 1.4 & dB \\ Hz & \pm 2.6 & dB \\ Hz & \pm 3.6 & dB \end{array}$		
Hygrometer (Measurement	SPECIFICATI (Humidity/To %RH Temperature (Semiconductor) Range	Range Resolution 10 to 95 %RH 0.1 %RH 32 to 122 °F 0.1 °F 0 to 50 °C 0.1 °C Accuracy Accuracy	Calibrator	31.5 63 125 500 1 K 2 K 4 K 8 K B & K (Bruel &	$\begin{array}{rrrr} Hz & \pm 2.5 \ dB \\ Hz & \pm 2.0 \ dB \\ Hz & \pm 1.9 \ dB \\ Hz & \pm 1.9 \ dB \\ Hz & \pm 1.4 \ dB \\ Hz & \pm 2.6 \ dB \\ Hz & \pm 3.6 \ dB \\ Hz & \pm 5.6 \ dB \\ \end{array}$	1	
Hygrometer (Measurement Iumidity Measurement	SPECIFICATI (Humidity/To %RH Temperature (Semiconductor) Range	Range Resolution 10 to 95 %RH 0.1 %RH 32 to 122 °F 0.1 °F 0 to 50 °C 0.1 °C Accuracy < 70 %RH :		31.5 63 125 250 500 1 K 2 K 4 K 8 K B & K (Bruel & acoustic calibra	$\begin{array}{rrrr} Hz & \pm 2.5 \ dB \\ Hz & \pm 2.0 \ dB \\ Hz & \pm 1.9 \ dB \\ Hz & \pm 1.9 \ dB \\ Hz & \pm 1.4 \ dB \\ Hz & \pm 2.6 \ dB \\ Hz & \pm 3.6 \ dB \\ Hz & \pm 5.6 \ dB \\ \end{array}$ kjaer), multi-fuction tor, model : 4226.	1	
<i>lygrometer (</i> <i>leasurement</i> lumidity <i>leasurement</i>	SPECIFICATI (Humidity/To %RH Temperature (Semiconductor) Range	Range Resolution 10 to 95 %RH 0.1 %RH 32 to 122 °F 0.1 °F 0 to 50 °C 0.1 °C Accuracy <	Microphone Size of microph	31.5 63 125 250 500 1 K 2 K 4 K 8 K 8 K 8 K 8 K 8 K 8 K 8 K 125 250 500 1 K 2 K 4 K 8 K 8 K 8 K 8 K 8 K 125 250 500 1 K 2 S 250 500 1 K 2 S 250 500 1 K 2 S 250 500 1 K 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S	$\begin{array}{rrrr} Hz & \pm 2.5 \ dB \\ Hz & \pm 2.0 \ dB \\ Hz & \pm 1.9 \ dB \\ Hz & \pm 1.9 \ dB \\ Hz & \pm 2.6 \ dB \\ Hz & \pm 2.6 \ dB \\ Hz & \pm 3.6 \ dB \\ Hz & \pm 5.6 \ dB \\ \end{array}$		
Hygrometer (Measurement Iumidity Measurement	SPECIFICATI (Humidity/To %RH Temperature (Semiconductor) Range	Range Resolution 10 to 95 %RH 0.1 %RH 32 to 122 °F 0.1 °F 0 to 50 °C 0.1 °C Accuracy < 70 %RH :	Microphone	31.5 63 125 250 500 1 K 2 K 4 K 8 K 8 K 8 K 8 K 8 K 8 K 8 K 125 250 500 1 K 2 K 4 K 8 K 8 K 8 K 8 K 8 K 125 250 500 1 K 2 S 250 500 1 K 2 S 250 500 1 K 2 S 250 500 1 K 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S	$\begin{array}{rrrr} Hz & \pm 2.5 \ dB \\ Hz & \pm 2.0 \ dB \\ Hz & \pm 1.9 \ dB \\ Hz & \pm 1.9 \ dB \\ Hz & \pm 1.4 \ dB \\ Hz & \pm 2.6 \ dB \\ Hz & \pm 3.6 \ dB \\ Hz & \pm 5.6 \ dB \\ \end{array}$		

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Instrukart Holdings

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