




Infrared Hygrometer and Thermometer

6
2
1
L
C
/
6
1
1
/
M
D
I
5
1
6

Model No.	610LC	611	MD-516
Display	3-1/2digit liquid crystal display (LCD) with a maximum reading of 1999		Built Laser Sighting / Backlight LCD Display
Zero	Automatic		—
Low battery indication	The "  " is displayed when the battery voltage drops below the operating level.		
Storage temperature	-20°C to 60°C, 0 to 80% R.H. with battery removed from meter		-10°C to 60°C (14°F to 140°F) below 70% RH
Dimensions	170mm(H)x44mm(W)x40mm(D)		172mm(H)x118mm(W)x46mm(D)
Weight	Approx. 160g		Approx. 220g
Power Supply	Including battery (1.5V x 4pcs AAA size)		ONE 9V cell (ANSI/NEDA-1604A, IEC-6LR61)
Spectral Response	6~14um		6~14um
Field of View	100mm Ø at 1000mm		10:1 Optics ratio with a 1" min target
Emissive	Pre-set 0.95	0.10 to 1.00 by step of 0.01	0.17~1.0
Auto Power Off	Approx. 15 sec		Approx. 15 sec
Sighting	1-beam laser marker < 1mw (class 2)		Laser maker 1mw
Data memory capacity	—		50 Sets (Direct reading from LCD display)
Battery life	Approx. 100 hrs	Approx. 50 hrs	Approx. 50 hrs
Operating/Storage Condition	0°C to 50°C at <70% relative humidity		0°C ~ 50°C (32°F ~ 122°F) Below 80%RH
Temperature	Sensor	Thermopile	
	Range	-20°C to 260°C	-20°C to 550°C
	Resolution	1°C	
	Accuracy	±3% of reading or ±3°C (whichever is greater) under environment temp. at 23°C±5°C, < 75%RH	
	With analog output	1mv/°C	—
Relative Humidity	Sensor	—	
	Range	—	
	Resolution	—	
	Accuracy	—	
Accessories	—		Instruction manual, battery
Measurement Rate	2.5 times per second, nominal.		—
Full Range Accuracy	—		—
Response Time	1 sec		0.5 sec
Update Frequency	—		—
Wave Length	—		—
Features	CE approval		CE approval
	Auto DATA HOLD function after releasing MEASURE Button		Memory/Read Logging Capacity(50 Set)
	Auto power off function		Adjustable/Visible Alarm
	Use thermopile detection sensor(6-14µm).		0.1°C & 0.2°F Resolution
	Fixed emissivity(ε)0.95 for most substances		Range -20°C ~ 500°C
	Attached carrying case		Adjustable Emissive
Laser output < 1mW(670nm typ.)		MAX/MIN Reading	