

OSC 57FY108 Thermo-Hygrometer with Infra Red Thermometer

<Applications>

- Food preparation
- Safety and fire inspectors
- Plastic molding
- Asphalt
- Marine and screen printing
- Measure ink and dryer temperature
- Diesel and fleet maintenance

<Features>

- Two in one precise non-contact measures temperature (/ ° F) and relative humidity simultaneously
- Dual LCD display for temperature and humidity
- Built in laser pointer to improve non-contact infrared thermometer aim
- Resolution to 0.1%RH, 0.1 ° or 1 ° (/ ° F)
- Switchable / ° F units with MAX and HOLD functions
- Auto power off
- The meter at 8 inches away measure 1 inch target
- Backlit LCD display
- Ideal for clean rooms, drying rooms, greenhouses, food and textile industries



<Specifications>

Model	OSC 57FY 108
Display	Dual LCD display for temperature and humidity with backlight
Ir Meas. Ranges	-50.0 to 500 / -58.0 ° F to 932°F
Humidity Ranges	0% to 100%RH
Sample Rate	2.5 times/ second
Over Range Indication	LCD will show "OL"
Polarity	Automatic (no indication for positive polarity): Minus(-) sign for negative polarity
Ir Spectral Response	6 ~ 14 μ m
Power off	Automatic shut off after 10 minute, approx
Operating temp	0 to 50 (32°F to 122°F)
Operating %rh	Max 80%RH
Power supply	9V battery
Weight (g)	Approx 200
Size (H x W x D mm)	Approx 150 x 75 x 40

<Infrared thermometer specifications>

Range	Resolution	Accuracy
-50.0 ~ 200.0	0.1	±5
		±2% of reading or ±2
200.0 ~ 500.0	1	±2% of reading or ±2
Range	Resolution	Accuracy
-58.0°F ~ 200.0°F	0.1°F	±9°F
		±2% of reading or ±4°F
200°F ~ 932°F	1°F	±2% of reading or ±4°F
Note	1. Accuracy is given at 18 to 28 (64°F to 82°F), less than 80% RH 2. Accuracy specified is for emissivity of 0.95	
Emissivity settings	0.95fixed	
Distance factor	D:S=Approx 8:1 (D=distance, S=spot)	

<Relative humidity/ Air temperature specifications>

Range	Resolution	Accuracy
5.0%RH ~ 95.0%RH	0.1%RH	±3.5%RH
-20.0 ~ 60.0	0.1	±2
-4.0°F ~ 140.0°F	0.1°F	±3°F