

# Non-Contact Thermometer

## Introduction:

**MS-79(5) Non-Contact thermometer can determine the object temperature by measuring the amount of infrared energy radiated by the target's surface, also can measure Indoor or Outdoor ambient temperature.**

**Model No.: MS-79(5) (2 in 1)**

Specifications	
Model No.	MS-79(5)
Object / Air temperature measurement	*
Object temperature measurement	-20.0°C (-4.0°F) ~ 115.0°C (239.0°F)
Accuracy (@ 23.0°C, ± 2°C): a) -20.0°C (-4.0°F) ~ 29.0°C (84.2°F) / 37.0°C (98.6°F) ~ 115.0°C (239.0°F), ± 2.0°C (± 3.6°F) b) 34.0°C (93.2°F) ~ 42.0°C (107.6°F), ± 0.2°C (± 0.4°F) c) 30.0°C (86.6°F) ~ 33.9°C (93.0°F) / 42.1°C (107.8°F) ~ 43.0°C (109.4°F), ± 0.3°C (± 0.6°F) d) 29.1°C (84.4°F) ~ 36.9°C (98.4°F), ± 4.0°C (± 7.2°F)	*
Ambient temperature measurement	-20.0°C (-4.0°F) ~ 85.0°C (185.0°F)
Accuracy: a) -20.0°C (-4.0°F) ~ 49.9°C (121.8°F), ± 1.5°C (± 2.7°F) b) 50.0°C (122.0°F) ~ 85.0°C (185.0°F), ± 2.0°C (± 3.6°F)	*
Resolution 0.1°C (0.1°F)	*
Unit conversion : °C / °F (selectable)	*
<b>Reading / LED / Audible alarm indication when at object mode:</b>	
a) ≤ -20.0°C (-4.0°F) ~ 0.0°C (32.0°F), display measured reading and white LED lights up with audible sound	
b) ≥ 0.1°C (32.2°F) ~ 29.9°C (85.8°F), display measured reading and white LED lights up	
c) ≥ 30.0°C (86.0°F) ~ 37.4°C (99.3°F), display measured reading and green LED lights up	
d) ≥ 37.5°C (99.5°F) ~ 43.0°C (109.4°F), display measured reading and red LED lights up with audible sound	
e) ≥ 43.1°C (109.6°F) ~ 98.9°C (210.0°F) display measured reading and white LED lights up	
f) > 99.0°C (210.2°F) ~ 115.0°C (239.0°F), display measured reading and red LED lights up with audible sound	
<b>Over range display:</b>	
a) < -20.1°C (-4.2°F) display 'LO'	
b) > 115.0°C (239.0°F) display 'Hi'	
Low battery indication	< 7.0V
Auto power off	10 secs
Measuring distance from object 1~2.5cm	*
Operating temperature (for object mode)	10.0°C (50.0°F) ~ 39.0°C (102.2°F) / ≤ 80%RH; 70~106 Kpa
LC display '- - -' when operating temperature is below 10.0°C (50.0°F) or over 39.0°C (102.2°F) when at object mode	*
Storage temperature	-10.0°C (14.0°F) ~ 50.0°C (122.0°F) / < 80%RH; 70~106 Kpa
Back light (selectable)	*
Battery powered (Battery not included)	1 x 9V (6F22 / 6LR61 / 1604)
Dimensions (LxWxD) mm	138x72x40
Weight (approx.) grams	108 (without battery)



- RELIABLE
- ACCURATE
- QUICK
- EASY

## ● Ambient temperature measurement



Storage room temperature measurement



Home; Office; Factory; Restaurant; Hotel; School; etc. ambient temperature measurement



Outdoor ambient temperature measurement

## ● Object temperature measurement



Frozen / Cooked food temperature measurement



Hot / Cold drink temperature measurement



Chilled food / drink temperature measurement



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