

PYROMETER – INFRARED THERMOMETER AMF-009

Pyrometer **AMF-009** is designed for fast, non-contact temperature measurements of object's surface and for measurements of hazardous or hard to reach objects.

The meter may be used: in food industry, automotive industry, chemical industry; refrigeration, for controlling of air conditioning and heating systems, for controlling work conditions and temperature monitoring in technological processes, in plant and animal farming, laboratories, for temperature measurements of moving objects, hard to reach objects or hazardous objects like high voltage electric objects and for fire hazard detecting etc.

Characteristic features:

- Auto Hold function freezes the actual result on the display.
- Constant emissivity coefficient (0.95).
- Backlight of the display, with possibility of switching it on and off.
- Auto power off function to save the batteries.
- Distance to spot ratio 12:1.
- Laser aiming.
- Possibility of choosing the measurement in °C or °F.
- Warranty: 12 months.



TECHNICAL DATA

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| Temperature range | -50 °C ÷ 550 °C |
| Accuracy | 0 °C ÷ 550 °C ± 1.5 °C or ± 1.5%°F; -50 °C ÷ 0 °C ± 3 °C whichever is greater |
| Resolution | 0.1 °C or 0.1 °F |
| Repeatability | ±1% or ±1 °C |
| Response time | 500 msec. , 95% response |
| Spectral response | 8 um ÷ 14 um |
| Emissivity | 0.95 pre-set value |
| Distance to spot ratio | D:S = 12:1 (75 mm x 0.9m) |
| Operating temp. | 0 °C ÷ 40 °C |
| Operating humidity | 10 % ÷ 95 % RH |
| Storage temperature | -20 °C ÷ 60 °C |
| Power | 9 V battery |
| Typical battery life | Non-laser mode: 22 h Laser mode: 12 h |
| Weight | 148 g with battery |
| Dimension | 153 mm x 101 mm x 43 mm |

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