The portable thermometer Model MF1000 is combined with a needle type sensor for measurement of internal temperature of foods or liquid temperature. The indicator and the sensor grip with anti-bacteria surface housing are washable (IP67 – waterproof and dustproof). The thermometer designed to use in food processing fields is recommended to use for temperature monitoring in HACCP.

- **FEATURES**
  - Wide temperature range of –40 to 260ºC
  - High accuracy of ±0.5ºC, high-speed response of 2 seconds
  - Easy to use in your hand with the sensor fit to the backside of the thermometer
  - Conforms to IP67 (dustproof and waterproof) and washable.
  - Anti-bacteria ABS resin housing fits in your safety program.
  - Enables to store the sensor with cable to the thermometer for easy carrying
  - 500 hours working with auto-power-off function built in.
■ SPECIFICATIONS

Temperature range: -40 to 260ºC
Measuring accuracy: ±0.5ºC (at the ambient temperature of 0 to 50ºC)
Response time: 2 seconds (0ºC water, 90% response)
Sensor: K type thermocouple, metal protective tube type
Junction type: Grounded junction type
Display: LCD, 3-1/2 digit, Character height 12.7mm
Display resolution: 0.1ºC (-40.0 to 99.9ºC), 1ºC (100 to 260ºC)
Working environment: Ambient temperature … 0 to 50ºC
Ambient humidity … 0 to 90%RH (no dew condensation)
Power supply: 006P battery (9V), 1 piece
Battery life: 500 hours (continuous working at 25 ºC)
Auto-power-off: Automatic-power-off after 5 minutes (Power-off by a key is enabled.)
Case material: ABS resin (anti-bacteria)
Protector: Elastomer
Grip material: ABS resin (anti-bacteria)
Sensor cable: Silicone sheath extension wire
Weight: About 165g (excluding a battery)
Accessories: Belt-clip, battery

Standards: CE (EN61326-1 Class B)
The indication may vary to ±6ºC under the test environment requested by EMC directive.
Sealing: IP67 (waterproof and dustproof)

■ DIMENSIONS

● Thermometer

● Sensor

Specifications subject to change without notice. Printed in Japan (I) 2002.1