

kaise

DIGITAL TEMPERATURE METER

SK-6850 **NEW**

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CE



※Optional temperature probe is used.

**MAX/MIN and Average.
Long-Time Measurement for
1000 Hours.** * Alkaline battery

Multi Function & Simple Design!

- ❖ Centigrade (°C) and Fahrenheit(°F) Selectable
- ❖ Easy-to-Read Large Display
- ❖ Rugged Rubber Molding



SK-6850

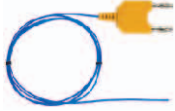
Two Measurement Units

Centigrade (°C) and Fahrenheit (°F) are Selectable.



Wide Range of Temperature Measurement from -99.9°C to 1300°C (-148°F to 2372°F)

Temperature Sensor : K-type thermocouple



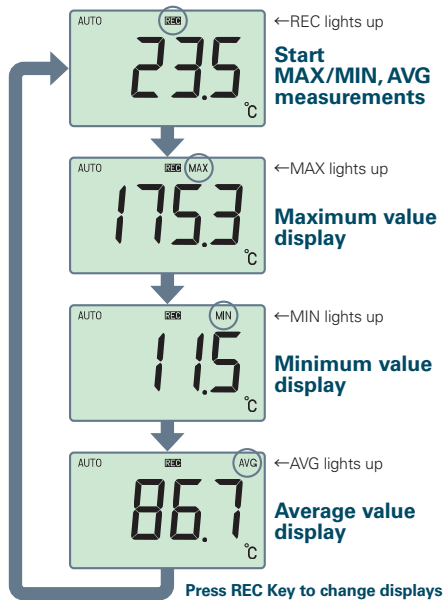
← Banana Plug
Standard Accessory
Temperature Probe
MODEL 818-02

Long-Time Measurement for 1000 Hours

Continuous measurement more than 330 hours with manganese batteries, more than 1000 hours with alkaline batteries are possible.

MAX/MIN and Average

MAX/MIN and Average measurements are possible.



Various Types of Optional Temperature Sensor

※Refer to "Optional Temperature Probes for SK-6850".

User-Friendly Design

Double-molded rubber to get steady grip during the measurement.



Easy-to-Read Large Display

Display Hold

Auto Power Off

※cancelable

(23°C ± 5°C, <80%RH in non-condensing)

| Model | SK-6850 | | | |
|---------------------------------------------|-------------------------------------------------------------------------------------------------|----------------|------------|---------------|
| | Range | Accuracy | Resolution | Maximum Input |
| °C (Auto-ranging) | -99.9 to 199.9 | ±0.5%rdg±0.8°C | 0.1°C | 1300°C |
| | 190 to 1300 | ±0.5%rdg±1°C | 1°C | |
| °F | -148 to 2372 | ±0.5%rdg±2°F | 1°F | 2372°F |
| Functions | MAX/MIN, Average, Display Hold, Auto Power Off | | | |
| DISPLAY (LCD) | Maximum reading 9999, 15mm high | | | |
| TEMPERATURE SENSOR | Thermocouple, K type | | | |
| SAMPLING RATE | 2 times/second | | | |
| RANGE SELECTION | Auto-ranging | | | |
| MEASUREMENT UNIT | °C / °F (selectable when turning on the power.) | | | |
| OVERLOAD INDICATION | "OL" indication more than 1300°C (2372°F). "--OL" indication at -100°C (-149°F) or less. | | | |
| BATTERY WARNING | ⚡ indication at approx. 2.5V or less | | | |
| DISPLAY HOLD | Hold indicating values by DH Key | | | |
| MAX/MIN/AVERAGE | Measurable by REC Key | | | |
| SENSOR DISCONNECT INDICATION | "- - -" is indicated on LCD. | | | |
| AUTO POWER OFF | Power turns off automatically after approx. 30 minutes. | | | |
| OPERATING POWER SUPPLY VOLTAGE | 2.5V to 3.6V | | | |
| DIELECTRIC STRENGTH | 0.8kV 50Hz sine wave, for 1 minute (between circuit and case) | | | |
| OPERATING TEMPERATURE & HUMIDITY | 0°C to 40°C, 80%RH or less in non-condensing | | | |
| STORAGE TEMPERATURE & HUMIDITY | -20°C to 60°C, 70%RH or less in non-condensing | | | |
| TEMPERATURE COEFFICIENT | 0°C to 18°C, 28°C to 40°C : add accuracy at 23°C ± 5°C × 0.1 / °C | | | |
| SAFETY LEVEL | CE marking compliant | | | |
| POWER SUPPLY | 1.5V R6P or LR6 (AA) batteries x 2 | | | |
| POWER CONSUMPTION | 10mVA max. (Approx. 1.4μVA in power-off) | | | |
| CONTINUOUS OPERATING TIME | Approx. 1000 hours (Alkaline), Approx. 330 hours (Manganese) | | | |
| DIMENSIONS & WEIGHT | 148(H) × 83(W) × 33(D)mm, Approx. 185g | | | |
| ACCESSORIES | 818-02 Temperature Probe, 995 Carrying Case, 1.5V R6P (AA) Batteries x 2, Instruction Manual | | | |
| OPTIONAL ACCESSORIES | 817-01 to 817-25 Temperature Probes, 732 Miniature Connector Conversion Plug | | | |

Optional Temperature Probes for SK-6850 [TYPE K (CA)]

| MODEL | Dimensions (Sensor) | Measurement Range | Application |
|--------|---------------------|-------------------|---------------------------------------------------------------------------------------------------------|
| B17-01 | 3.2φ × 250mm | -50°C to 800°C | For Liquid Temperature Measurement |
| B17-03 | 5φ × 500mm | -50°C to 1150°C | For Liquid Temperature Measurement |
| B17-17 | 1.6φ × 150mm | -50°C to 600°C | For Internal Temperature Measurement like food or chemical materials and Liquid Temperature Measurement |
| B17-19 | 3.2φ × 150mm | -50°C to 750°C | For Internal Temperature Measurement like food |
| B17-24 | 4.5φ mm | 0°C to 600°C | Surface Temperature Measurement |
| B17-25 | 3.2φ × 150mm | 0°C to 200°C | For Air Temperature Measurement like Air Conditioner |

* Compensation Lead : Conventional type (-20°C to 90°C) 1.5m

Dimensions of Temperature Probes

| MODEL | Tip Form | Dimensions | MODEL | Tip Form | Dimensions |
|--------|----------|------------|--------|----------|------------|
| B17-01 | | | B17-19 | | |
| B17-03 | | | B17-24 | | |
| B17-17 | | | B17-25 | | |

Unit : mm

DISTRIBUTOR

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