

DP-350C*A



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General Description

The DP-350 is an economical thermometer with a wide temperature range and useful functions, such as measured value and peak hold, sensor burnout, battery alarm, and automatic power off.

For DP series, there are more than 50 types of sensors available so that it allows you to select an appropriate sensor for your application.

Features

☆ Wide Temperature Range

The temperature range is between -200 to 1200°C (-328 to 1999°F).
The range of -199.9 to 199.9°C (-199.9 to 199.9°F) is also available.

☆ Measured Value Hold

Press the HOLD button to hold the current measured value on the display. Press the HOLD button again to go back to the normal display mode.

☆ Peak Hold

The maximum/minimum measured value is automatically stored.

☆ Automatic Power OFF

The power will be automatically turned off after 3 (or 30) minutes from power-on. (This function can be inactivated.)

☆ 1°C/0.1°C (°F) Measuring Resolution

The temperature measuring resolution can be switched between 0.1°C and 1°C (°F).
The temperature range varies with resolution.

☆ Burnout

In case the temperature sensor is broken, "BO" will be displayed on the display.

☆ Battery Alarm

"BAT" is displayed on the display when the batteries become low. It tells you the time to change the batteries for precise temperature measurement.
(Two pieces of 1.5V R6 type dry cell).

Specifications

Input

Thermocouple : K (JIS/IEC)

Sampling time

Approx. 0.3 sec

Performance

Measurement accuracy

- ±(0.2% of indicated value + 1digit) or ±2°C (4°F)
(Whichever is larger)
- ±4°C (8°F) in the range of -100°C (-150°F) or less.

Display
LCD

Input	Scale range
K	-200 – 1200°C(-199.9 – 199.9°C) -328 – 1999°F(-199.9 – 199.9°F)

General specifications

External dimensions (W x H x D)
52 x 145 x 25 mm

Power supply

R6 type dry cell, 1.5V x 2pcs.

Life of battery

Approx. 1000 hours

Operating environments

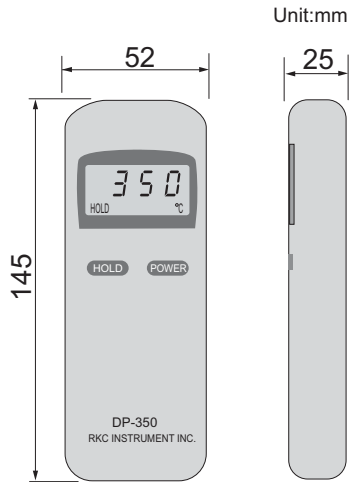
0 to 50°C (32 to 122°F), 45 to 85% RH

Net weight

Approx. 140g (Including dry cells)

Handheld Digital Thermometer DP-350C*A

External Dimensions



Model and Suffix Code

Model Code	Accessory (Optional)
DP-350C*A	No optional
DP-350C*A-1	With anti-shock cover (Silicon jacket) *
DP-350C*A-3	With soft case *

* Purchase of each cover only is available. Refer to the following part numbers:
 350P-K01: Anti-shock cover (Silicon jacket)
 350P-K03: Soft case



Anti-shock cover (Silicon jacket)



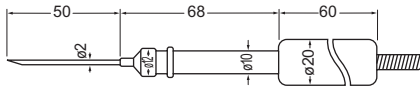
Soft case

Temperature Sensors (Type K Thermocouple)

* Separately

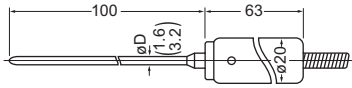
① Maximum usable temperature ② Applications (Unit : mm)

JB-15



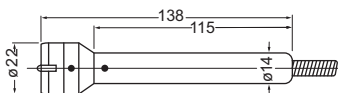
- ① 400°C
 - ② For semi-solid, viscous material and liquid
- Model Code : JB-15-K-1000-3C/A

JB-16



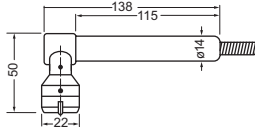
- ① 650°C (ø1.6), 750°C (ø3.2)
 - ② For semi-solid, viscous material and liquid
- Model Code :
 ø1.6 : JB-16-K-1.6-100-1000-3C/A
 ø3.2 : JB-16-K-3.2-100-1000-3C/A

ST-23



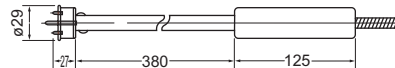
- ① 300°C
 - ② For static surface
- Model Code : ST-23-K-1000-3C/A

ST-23L



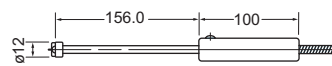
- ① 300°C
 - ② For static surface
- Model Code : ST-23L-K-1000-3C/A

ST-29 (H)



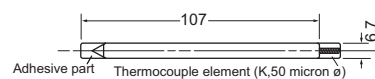
- ① 800°C (1,000°C)
 - ② For static surface
- Model Code :
 800°C : ST-29-K-1000-3C/A
 1,000°C : ST-29H-K-1000-3C/A

ST-30



- ① 300°C
 - ② For static surface
- Model Code : ST-30-K-1000-3C/A

ST-50 (Adhesive type)



- ① 300°C
 - ② For very small spaces
- Model Code : ST-50

※ Many other types are available.