Handheld Thermometer DP-350

DP-700:

Discontinued Products



No optional Model Code:

DP-350*A

With anti-shock cover (Silicon jacket)

Model Code:

DP-350*A-1

With hard carrying case Model Code:

DP-350*A-2

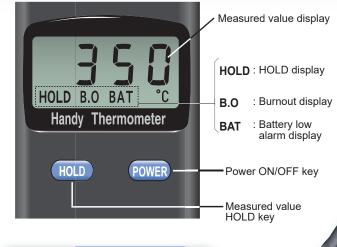
With soft case Model Code:

DP-350*A-3

* Temperature sensor is separately



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



Measured Value Hold Function

Peak High & Low Temearre Function

Automatic Power OFF Function

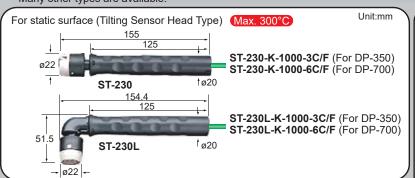
Battery Low Alarm Function

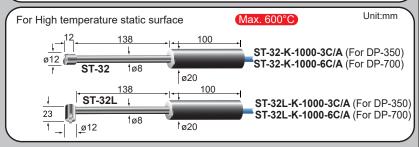
Burnout (Sensor broken) Function

Temperature Sensor (Separately)

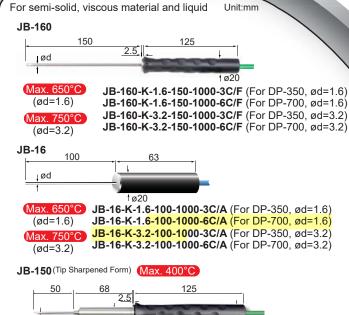
-350RUMENT INC.

Many other types are available.





Terminal Connector For DP-350 (3C) For DP-700 (6C)



JB-150-K-50-1000-3C/F (For DP-350)

JB-150-K-50-1000-6C/F (For DP-700)

Tip Sharpened F





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Model Code:

DP-700B/E

With USB

- Data Logging: 9999 logs
- Waterproof/Dustproof: IP54

Model Code:

DP-700A/E

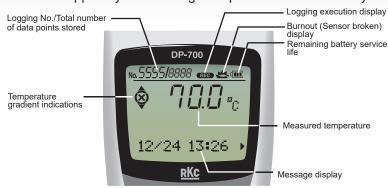
No USB

- Data Logging: 99 logs
- Waterproof/Dustproof : IP67
- · Temerature sensor is separately.

Multi-Function hermometer

Data logging function, Accuracy: ±0.1%

The DP-700 is a high accuracy thermometer with powerful functions, such as data logging, USB connection, peak high and low temperature, burnout (Sensor broken) display, remaining battery service display and automatic power off. The variety of functions supports you to manage temperature data efficiently.





Waterproof /Dustproof

Operation Lock Function USB Function (Only for DP-700B)

*2 DP-700A : IP67 *1 DP-700A: 99 logs DP-700B : IP54 Measured Value Hold Function

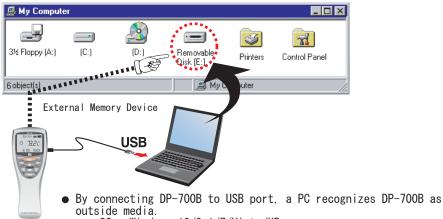
Peak High & Low Temearre Function

Automatic Power OFF Function

PV Bias, PV Digital Filter Function

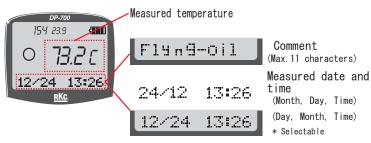
Burnout (Sensor broken) Function

Easy to reading and manage data with PC



Windows 10/8.1/7/Vista/XP

Measured data can be stored in the file in the CSV format.



DP-700B stores up to 9999 points of logging temperature data including comment, measured date and time.

DP-350 Specifications

Thermocouple : K (JIS/IEC) -200 to 1200°C (-199.9 to +199.9°C) -328 to 1999°F (-199.9 to +199.9°F)
Approx. 0.3 sec
±(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.
Reflective TN LCD
Peak high and low temperature, Measured Value Hold Function, Burnout (Sensor broken) Function, Decimal point selection (0/0.1), Battery Low Alarm Function Automatic Power OFF Function (3min/30min/OFF)
LR6 Alkaline battery x 2pcs.
Life of battery : Approx. 1000 hours
(Continuous operating time, Around the ambient temperature 23°C)
0 to 50°C (32 to 122°F), 45 to 85% RH
Approx. 140g (Including LR6 Alkaline battery)
LR6 (IEC and JIS) Alkaline battery,. Hand strap

External Dimension

Unit:mm





■ DP-350 Optional

Anti-shock cover (Silicon jacket)







Soft case



■ DP-350 Model Code

Model Code	Accessory (Optional)
DP-350C*A	No optional
DP-350C*A-1	With anti-shock cover (Silicon jacket) *
DP-350C*A-2	With hard carrying case *
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-K02: Hard carrying case

350P-K03: Soft case

DP-700 Specifications

DI -100 3	pecifications
Input • Range (Universal input)	Thermocouple K -200 to +1372°C (-328 to +2501°F) -199.9 to +999.9°C (-199.9 to +999.9°F) RTD Pt100 -200 to +850°C (-328 to +1562°F) -199.9 to +850.0°C (-199.9 to +999.9°F)
Sampling time	Approx. 0.5 sec
Measuring accuracy	±(0.1% of reading + 1digit) or ±0.3°C(±0.6°F) (Whichever is is larger) Cold junction temperature error ±0.5°C(±0.9°F) [Between 5 and 40°C (41 and 104°F)] Ambient temperature influence ±0.01% of span / °C [Between 5 and 40°C (41 and 104°F)]
Display	Reflective FSTN LCD
Data logging (recoding)	Recording method: Manual log mode: Can be manually recorded in the memory. Interval log mode: Can be automatically recorded (in a set interval) Interval time: 0 (Manual log mode), 1 to 3600 sec Recording items: Measured temperature, Date, Time, Tag name, User No. Recording capacity: DP-700A: Max. 99 logs DP-700B: Max. 9999 logs Memory backup: DP-700A: Backed up by SRAM
	The recorded data may be lost if battery service life has expired or the battery is replaced. DP-700B: Backed up by EEPROM Number of writing: Approx. 100,000 times Data retaining period: Approx. 10 years
Tag number function	Number of maximum registration:DP-700A: 5 tags DP-700B: 99 tags DP-700B: 99 tags Registration items: Tag name, evaluation points of high and low temperature Tag name: 11 characters (Numeral, Alphabets, Symbols) Memory backup: Same as Memory backup of data logging
User name function (Only for DP-700B)	Any user name can be registered for each user number. Logging data can store into register name. Number of maximum registration: 99 names, Number of character: 11 characters (Numeral, Alphabets, Symbols) Memory backup: Same as Memory backup of data logging
USB function (Only for DP-700B)	Interface: USB (Universal Serial Bus) Ver2.0 Communication speed: Full Speed compliant Connector type: USB series Mini-B Power supply: Bus power (The power is supplied from the USB port on the PC side. Device class: Mass Storage Class (Bulk-Only Transport) OS: Windows XP/Vista/7
Function	Peak high and low temperature PV bias: -99.9 to +99.9°C (°F) PV digital filter: 0 to 100 sec (0 : OFF) Calender timer (year, month, date, hour, minute) Automatic Power OFF (1 to 60min/OFF) Decimal point selection (0/0.1),
Waterproof and dustproof	DP-700A : IP67 DP-700B : IP54
Power supply	Type LR6 (based on IEC and JIS) alkaline battery, One battery Battery life: Approx. 400 hours (Continuous operating time, Around the ambient temperature 23°C)
Ambient temperature	-20 to +50°C
Ambient humidity	5 to 95%RH (Absolute humidity: Max. W.C 29g/m³ dry air at 101.3kPa.)
Weight	Approx.150g (Including LR6 Alkaline battery)
Accessories	LR6 (IEC and JIS) Alkaline battery, Strap, USB cable 1m (Only for DP-700B)

■ Cable adapter (For DP-700) Separately

3C (For DP-350 connector) to 6C (For DP-700 connector)

Model Code: A-DP700





· Only for thermocouple sensor

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- This product is intended for use with industrial machines, test and measuring
- equipment. It is not designed for use with medical equipment.

 If it is possible that an accident may occur as a result of the failure of the product or some other abnormality, an appropriate independent protection device must be installed.

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