

# D55

## Portable thermometer

- Temperature indication by large LCD
- Temperature unit selection
- Thermocouple selecting function (K, J)
- Indication value hold, max value/min value indication
- Display the individual temperature and temperature difference by using 2 contacts measurement input



### ●● Suffix code

Model	Description
D55	Portable indication thermometer

### ●● Specification

#### Input

Thermocouple	K, J		
Thermocouple spec	If purchased model D55, K type sensor is included (Model: TC-POP)		
Sensor type and measurement range	Input	K type thermocouple	J type thermocouple
	Resolving power	-100 ~ 1300 °C	-50 ~ 760 °C
		0.1 °C, -50 ~ 1200 °C 1 °C (beyond the range of -50 °C ~ 1200 °C)	0.1 °C, -50 ~ 760 °C 1 °C, -100 ~ -50 °C
Accuracy	±(0.1 % of indication value + 0.7 °C)	±(0.1 % of indication value+ 0.8 °C)	

#### Function

Display	Display the temperature and function in the large LCD
Measurement of temperature display	Display the measured temperature value of thermocouple which is connected to the input
Temperature unit display	Select Celsius or Fahrenheit by using front key button
Hold mode	Display the measured temperature which is the value right before performing the hold function.
Max/min value selection	Display the max and min value alternatively by using the front panel key button
Battery replacing	Display the shortage of battery on the screen
Thermocouple selection	Display the type of thermocouple which has been set in the instrument
Auto selection	This instrument is 2 contact inputs which automatically display T1, T2 and T1-T2 temperatures in order by pressing "AUTO" button.
Individual temperature selection	Display each temperatures by selecting T1, T2 and T1-T2 button
Thermocouple breaks and exceeded temperature indication	Thermocouple OPEN or temperature range exceeded (-----) indication.
Self diagnosis	Diagnosis itself by pressing the ON/OFF switch (thermocouple must be disconnected at this state)
Normal deviation adjustment	Press the "C" button for more than 3 seconds and adjust the deviation by using HOLD or max/min button

A

Temperature  
Controller

General specification

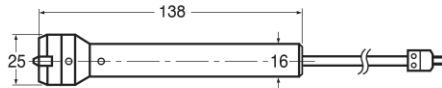
Power	9 V battery (6F22, 006P).
Battery life	Approx 200 hours
Ambient temperature	0 ~ 50 °C
Ambient humidity	0 ~ 90 %RH (without dew condensation).
Effect of electric field	During low frequency and high frequency of strong electric field, measurement of error may occur.
Storage temperature	-40 ~ 60 °C
Weight	Approx. 216 g

●● Thermocouple

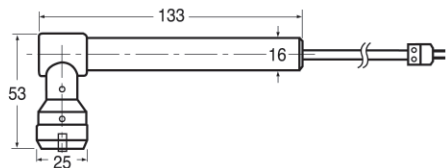
TC-PJP



TC-PIP



TC-PLP



TC-POP

