

DIGITAL THERMOMETERS



SK-6800

SK-6800 / 6820

- **°C and °F MEASURING**
°C and °F are selected by Function Switch.
- **DATA HOLD Function.**

■ SPECIFICATIONS

Power Supply : 9V 6F22 or NEDA 1604 Battery (x 1)
 Dimensions : 130(H) × 74(W) × 24(D) mm
 Weight : 175g
 Accessories : 814-01 Sensor Probe (Sheath type)
 (x 1, for SK-6820 only)
 9V 6F22 Battery (x 1)
 985 Soft Carrying Case (x 1, for SK-6800/6820)
 985-02 Soft Carrying Case (x 1, for SK-6810/6825)

SK-6810 / 6825

- **2 CHANNEL MEASURING**
Two Input Terminals, T1 and T2 are available.
2-points Temperature Measurements are easily performed by Function Switch.
- **DATA HOLD Function.**

■ OPTIONAL ACCESSORIES

- Temperature Probes (Refer to Page 24)

Optional Temperature Probes are necessary for measurements.

	SK-6800	SK-6820	SK-6810	SK-6825
Measurement Range (Resolution)	-50°C ~ 1200°C (1°C) -58°F ~ 1999°F (1°F)	-50°C ~ 199.9°C (0.1°C) -58°F ~ 400°F (1°F)	-50°C ~ 1200°C (1°C)	-50°C ~ 199.9°C (0.1°C)
Temperature Sensor	Thermocouple, K type (Cr/Al)	Resistance Bulls (Pt)	Thermocouple, K type (Cr/Al)	Pt 100Ω JIS 1604
Reference Junction Compensation	Automatic, by Diode	—	Automatic, by Diode	—
Accuracy	±(0.3%rdg + 3°C) ±(0.3%rdg + 4°F) ※ Under 23°C ± 3°C (*1)	±(0.5%rdg + 1°C) ±(0.5%rdg + 2°F) ※ Under 23°C ± 5°C (*2)	±(0.3%rdg + 3°C) ※ Under 23°C ± 3°C (*3)	±(0.3%rdg + 0.5°C) ※ Under 23°C ± 5°C (*4)
Sampling Rate	approx. 2 times/sec.			
Temperature Coefficient	2dgt / 10°C, 2dgt / 10°F		2dgt / 10°C	±(0.1%rdg + 0.1°C) / °C
Operating Temperature & Humidity	0°C to 50°C, less than 80%RH (non-condensing)			
Storage Temperature & Humidity	-10°C to 60°C, less than 80%RH			
Other Functions	Burnout Warning, Battery Warning, Data Hold			

- ※ (*1) excluding sensor accuracy and including errors in reference junction compensation and linearizer.
- ※ (*2) Including sensor accuracy and errors in linearizer.
- ※ (*3) Excluding sensor accuracy and including errors in reference junction compensation and linearizer.
- ※ (*4) Excluding sensor accuracy and including errors in linearizer.

SINGLE FUNCTION METERS

☆ Usable for School teaching materials or Factory Line



SK-5000

AC Milliammeter

■ SPECIFICATIONS

AC mA : 5 / 25 / 100 / 250 / 1000mA
 Meter Sensitivity : 250 μA
 Accuracy : ± 2 % f.s.
 Dimensions : 147(H) × 97(W) × 60(D)mm
 Weight : 440g
 Accessories : 100-05 Test Leads (x 1 set)

■ OPTIONAL ACCESSORIES

- 940 Alligator Clips
- 971 Carrying Case



SK-5000B

AC Voltmeter

■ SPECIFICATIONS

AC V : 5 / 10 / 25 / 50 / 100 / 250 / 500 / 1000V
 Meter Sensitivity : 5000 Ω/V
 Accuracy : ± 2 % f.s.
 Dimensions : 147(H) × 97(W) × 60(D)mm
 Weight : 420g
 Accessories : 100-05 Test Leads (x 1 set)

■ OPTIONAL ACCESSORIES

- 940 Alligator Clips
- 971 Carrying Case



SK-5000A

AC Ammeter

■ SPECIFICATIONS

AC A : 1 / 2.5 / 5 / 10 / 25A
 Meter Sensitivity : 40 μA
 Accuracy : ± 2 % f.s.
 Dimensions : 147(H) × 97(W) × 60(D)mm
 Weight : 440g
 Accessories : 100-06 Test Leads (x 1 set)

■ OPTIONAL ACCESSORIES

- 940 Alligator Clips
- 971 Carrying Case



SK-5000C

DC Microammeter

■ SPECIFICATIONS

DC μA : 50 / 100 / 250 / 500 / 1000 μA
 Meter Sensitivity : 34 μA
 Accuracy : ± 2 % f.s.
 Dimensions : 147(H) × 97(W) × 60(D)mm
 Weight : 420g
 Accessories : 100-05 Test Leads (x 1 set)

■ OPTIONAL ACCESSORIES

- 940 Alligator Clips
- 971 Carrying Case