

2. Standard Probes



Cat. No.	8162-00	8163-00	8176-00	8177-00	8178-00
Model	SK-LT II-1 Plug-in type	SK-LT II-2 w/ sensor cord	SK-LTH II α -1 Plug-in type	SK-LTH II α -2 w/ sensor cord	SK-LTH II α -3 Stick type w/ sensor cord
Sensor (Temp.)	Thermistor		Thermistor		
(Humi.)	—		High Polymeric Resistance change type		
Measuring range	-10 to 60.0°C	-40 to 105.0°C	-10 to 60.0°C		
	—		20.0 to 98.0%RH (at 23°C)		
Accuracy (Temp.)	$\pm 0.5^\circ\text{C}$ (20.0 to 30.0°C) $\pm 1^\circ\text{C}$ (other than above)	$\pm 0.5^\circ\text{C}$ (15.0 to 35.0°C) $\pm 2^\circ\text{C}$ (lower than -10°C) $\pm 1^\circ\text{C}$ (other than above)	$\pm 0.5^\circ\text{C}$ (20.0 to 30.0°C) $\pm 1^\circ\text{C}$ (other than above)	$\pm 0.5^\circ\text{C}$ (15.0 to 35.0°C) $\pm 1^\circ\text{C}$ (other than above)	
Accuracy (Humi.)	—		$\pm 3\%RH$ (20.0 to 30.0°C, 30 to 90%RH) $\pm 7\%RH$ (lower than 10.0°C, higher than 50.0°C) $\pm 5\%RH$ (other than above)	$\pm 3\%RH$ (15.0 to 35.0°C, 30 to 90%RH) $\pm 7\%RH$ (lower than 0°C, higher than 50.0°C) $\pm 5\%RH$ (other than above)	
Dimensions	25W x 70H x 20D mm	Sensing part: (tip) $\varnothing 5 \times L20$ mm Cord Length: 1.5 m	25W x 70H x 20D mm	Sensing part: 18W x 51H x 10D mm Cord Length: 1.5 m	$\varnothing 8 \times L35$ mm Cord Length: 1.5 m
Weight	About 13g	About 43g	About 15g	About 65g	About 69g
Materials	ABS resin	ABS resin, PVC resin	ABS resin	ABS resin, PVC resin	ABS resin, PVC resin, Polyacetal resin
Accessories	Test Result	Test Result	Test Result	Test Result	Test Result

3. Optional Probes for SK-L200T II Datalogger (Temperature measurement)



Sensing stem: $\varnothing 3 \times 150$ mm (w/ grip)

Model SK-LT II-3 Penetration type

– Water protection level IP X5 –

Measuring range : -40 to 105.0°C
Cord length : 3.75 m

Model SK-LT II-4 Penetration type

– Water protection level IP X5 –

Measuring range : -40 to 105.0°C
Cord length : 5.0 m

**Model SK-LT II-7 for High temperature**

– Water protection level IP X5 –

Measuring range : -40 to 200.0°C
Sensing stem : $\varnothing 3 \times 150$ mm (w/ grip)
Cord length : 1.5 m

**Model SK-LT II-8 for High temperature**

– Water protection level IP X5 –

Measuring range : -40 to 200.0°C
Sensing stem : $\varnothing 3 \times 400$ mm (w/ grip)
Cord length : 1.5 m



Sensing tip: $\varnothing 5 \times 20$ mm

Model SK-LT II-5 Cylindrical tip type

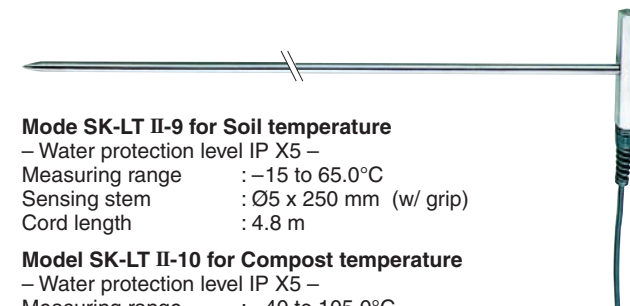
– Water protection level IP X7 –

Measuring range : -40 to 105.0°C
Cord length : 3.75 m

Model SK-LT II-6 Cylindrical tip type

– Water protection level IP X7 –

Measuring range : -40 to 105.0°C
Cord length : 5.0 m

**Mode SK-LT II-9 for Soil temperature**

– Water protection level IP X5 –

Measuring range : -15 to 65.0°C
Sensing stem : $\varnothing 5 \times 250$ mm (w/ grip)
Cord length : 4.8 m

Model SK-LT II-10 for Compost temperature

– Water protection level IP X5 –

Measuring range : -40 to 105.0°C
Sensing stem : $\varnothing 8 \times 900$ mm (w/ grip)
Cord length : 4 m