



SK-L200THIIα + SK-LTHIIα-1 probe (option)

SPECIFICATIONS

Main unit	
Model	SK-L200THII α (temperature and humidity measurement type)
Display range	-15 to 65.0°C (depending on a probe connected)
	10 to 99.9% rh
Resolution(Temp.)	0.1°C at -9.9 to 65.0°C 1°C at -10°C or less
Resolution(Hum.)	0.1% rh at 15.0 to 99.9% rh 1%rh at less than 15.0%
Accuracy (Temp)	±(0.1°C + 1 digit)
Accuracy (Hum.)	±(0.1% rh + 1 digit)
Probes connected	SK-LTHII α series probes
Sampling (display)	about 1 sec.
Display functions	TIME (display time), INT (log interval) REC (during logging), RES (during preset standby), OUT (during real-time transmission), LCD bars (used memory) CALL (call for the current measurement data during logging) Current temperature, Current humidity, Current date and time, low battery symbol, Temp. upper limit (Hi), Temp. lower limit (Lo), Hum. upper limit (Hi), Hum. lower limit (Lo), Temp. alarm ON (Alarm), Hum. alarm ON (Alarm), logging option, setting value of upper and lower limits, error message, ID number
Memory capacity	8100 lines of data, but depending on the logging option (four logging potions: Once, Repeatability, Ends at, By page)
Log interval	1 sec., 2 sec., 5 sec., 10 sec., 15 sec., 30 sec. 1 min., 2 min., 5 mi., 10 min., 15 min., 30 min., 60 min., 90 min.
Communication	USB
Operation ambient	-10 to 60°C, no condensing
Storage ambient	0 to 50°C
Power requirement	"AAA" size Alkaline battery x 2
Battery life	. Under continuous measurement mode : more than 500 hours . Under logging mode: possible to log 8100 data with every log interval (ex.: about 506 days with log interval of 90 minutes.)
Dimensions	(W) 100 x (H) 73 x (D) 22 mm
Weighs	about 123 g (exclusive of batteries)
Materials	ABS resin
Accessories	CD-Rom (Data analysis and realtime software), USB cable (1.5 m) , USB port cap (factory set), hand strap, "AAA" battery x 2

Standard and Optional Probes



Model	SK-LTHIIα-1 Plug-in type	SK-LTHIIα-2 w/ sensor cord	SK-LTHIIα-3 Stick type w/ sensor cord
Cat No.	No.8176-00	No.8177-00	No.8178-00
Sensor (Temp.)	Thermistor		
Sensor (Hum.)	High Polymeric Resistance change type		
Measuring range (Temp.)	-10 to 60.0°C		
Measuring range (Hum.)	20.0 to 98 % rh (at 23 °C)		
Accuracy (Temp.)	±0.5°C at 20.0 to 30.0°C ±1°C at other than above	±0.5°C at 15.0 to 35.0°C ±1°C at other than above	
Accuracy (Hum.)	±3% rh at 20.0 to 30.0°C (30 to 90% rh) ±7% rh at less than 10.0°C, higher than 50.0°C ±5% rh at other than above	±3% rh at 15.0 to 35.0°C (30 to 90% rh) ±7% rh at less than 10.0°C, higher than 50.0°C ±5% rh at other than above	
Dimensions	(W) 25 x (H) 70 x (D) 20 mm	(W) 18 x (H) 51 x (D) 10 mm	Ø8 x (L)35 mm
Cord length	---	1.5 m	1.5 m
Weight	about 15 g	about 65 g	about 69 g
Materials	ABS resin	ABS resin, PVC resin	ABS resin, PVC resin, Polyacetal resin
Accessories	Test Result		