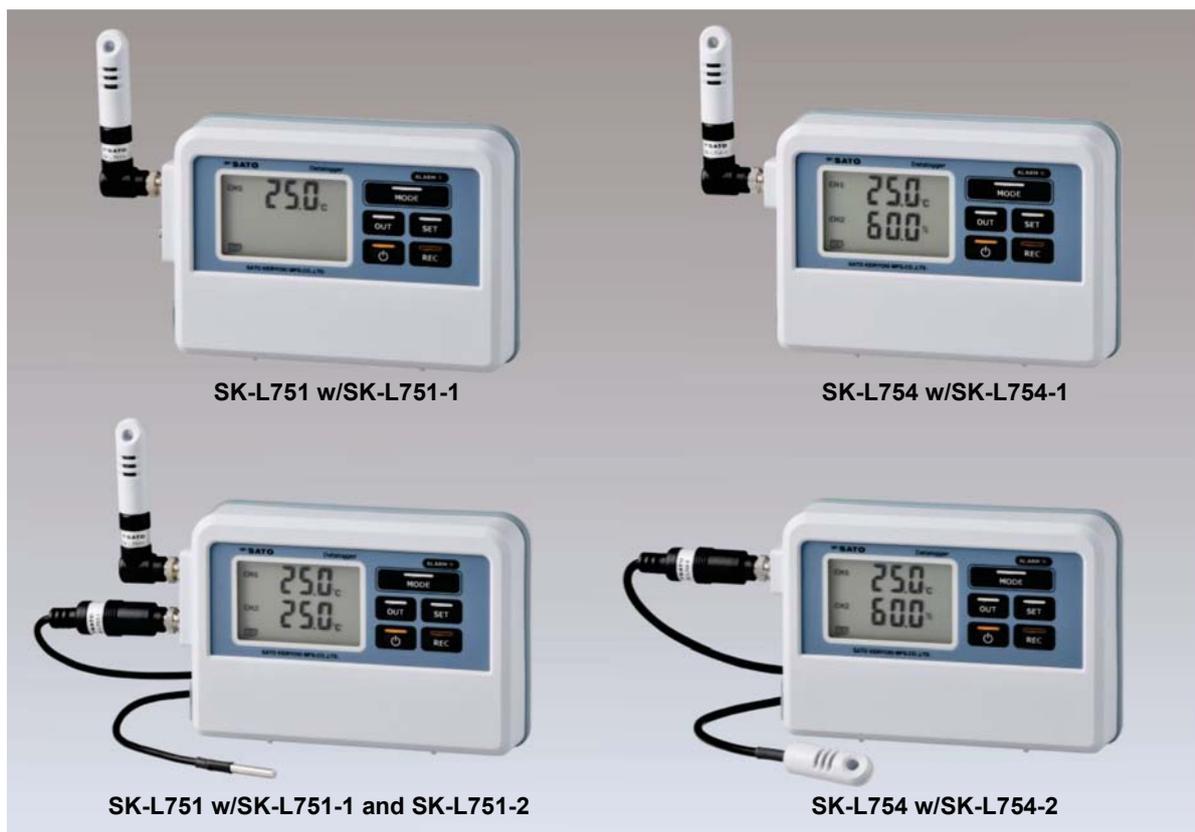


No. 8800- 00 DATALOGGER MODEL SK-L751 (2-channel for Temperature measurement)

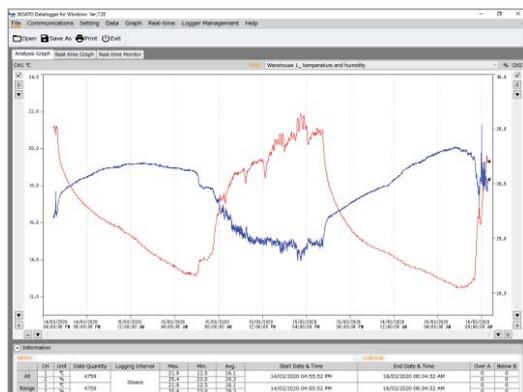
No. 8870- 00 DATALOGGER MODEL SK-L754 (1-channel each for Temperature and humidity measurement)



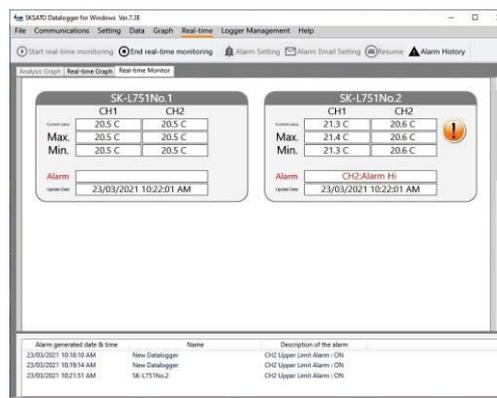
FEATURES

- The memory capacity is 16000 data items per channel. With logging interval of 90 minutes, the data of approx. 2 years and 9 months can be stored.
- The method of storing data is selectable among four logging options; “Once”, “Repeatedly”, “Ends at...” and “By pages”.
- Logged data can be copied to microSD card.
- Data analysis software and real-time transmission software are included as standard accessories on CD-ROM.
- The power supply can use both of batteries and an AC adapter (option).
- The date and time to start logging automatically can be specified by setting the preset start.
- The measurement data can be transmitted in real-time to a personal computer.
- The upper and lower thresholds for warning can be set. When the temperature or humidity threshold is triggered, the alarm mark (Hi/Lo) and alarm lamp will light.
- The probes are interchangeably used with the main units.
- The storage memory can be verified with the memory indicator.
- The logging interval can be selected from 14 options: 1 sec, 2 sec, 5 sec, 10 sec, 15 sec, 30 sec, 1 min, 2 min, 5 min, 10 min, 15 min, 30 min, 60 min and 90 min.
- Even if batteries run out, the data will not be lost. Measured data is saved in the internal memory.
- The datalogger ID (6 digits) can be set. It helps you identify multiple dataloggers.
- By using the data analysis software attached, the acquired data can be evaluated easily and quickly, and also evaluated by using commercial spreadsheet software supporting CSV extension such as Microsoft Excel.
- Displayable in °C/°F.

Graph Displays on PC screens



Main Screen



Real-Time Monitoring

SPECIFICATIONS

1. Main Units



Cat. No.	8800-00	8870-00
Model	SK-L751 (Temperature measurement)	SK-L754 (Temperature and humidity measurement)
Measuring channel	2 channels for temperature	1 channel each for temperature & humidity
Measuring range	Depends on the probe connected	
Resolution	0.1°C / 0.1°F	0.1°C / 0.1°F / 0.1%rh
Display Accuracy	±0.2°C (0 to 40°C) ±0.3°C (other than above)	Temp.: ±0.2°C (0 to 40°C) ±0.3°C (other than above) Humid: ±0.2%rh (0 to 40°C) ±0.3%rh (other than above)
Temperature unit (°C/°F)	Temperature unit switch (Celsius/Fahrenheit) is equipped	
Display sampling	Approx. 1 second	
Display	Temperature/Humidity Alarm (ALM), logging option, status display (REC /RES), memory indicator (in bars), SD memory, low battery indicator, key-lock mark, error codes, setting value at each setting	
Memory capacity	16,000 data items for each channel	
Logging intervals	14 options: in seconds (1, 2, 5, 10, 15, 30) and in minutes (1, 2, 5, 10, 15, 30, 60, 90)	
External memory	microSD/SDHC up to 32GB	
Operating ambient	-10.0 to 60.0°C, lower than 85%rh (no condensing)	
Storage ambient	-10.0 to 60.0°C, lower than 85%rh (no condensing)	
Power requirement	Two AA alkaline batteries or AC adapter	
Battery life	Approx. 500 hours in continuous measurement mode 16,000 data items can be logged at any logging interval (When LCD is off)	
Dimensions	Approx. 114 (W) x 80 (H) x 35 (D) mm (exclusive of protrusions)	
Weight (approx.)	232 g (inclusive of batteries)	227 g (inclusive of batteries)
Waterproof property	IP65 (when w/-sensor-cord-type probe connected)	-----
Standard accessories	CD-ROM: Data analysis software and real-time software, USB cable, 2 AA alkaline batteries, English manual	

2. Optional accessories

No. 8229-50 AC adapter for SK-L751 / SK-L754 Dataloggers

SPECIFICATIONS

Primary input voltage : 100 to 240VAC 50/60Hz
 Plug : USB mini-B
 Cord length : 1.5 m



**No. 8229-60 Sensor filter (a pack of 4 pcs.)
 No. 8229-61 Sensor filter (a pack of 20 pcs.)**

Available for L754-1 and L754-2 Plug-in type probes

* Recommended for use in a dusty environment



a pack of 4 pcs.



Filter installed

3. Optional Probes for SK-L751 Datalogger (Temperature measurement)



No.8810-01 Model SK-L751-1 Plug-in type



No.8810-02 Model SK-L751-2 W/-sensor-cord type



Sleeve type
No.8810-21 Model SK-L751-21
No.8810-22 Model SK-L751-22 (Silicone cable) *3



Immersion type
No.8810-31 Model SK-L751-31
No.8810-32 Model SK-L751-32 (Silicone cable) *3

Cat. No.	8810-01	8810-02	8810-21	8810-22	8810-31	8810-32
Model	SK- L751-1 Plug-in type	SK- L751-2 W/-sensor-cord	SK- L751-21 Sleeve type	SK- L751-22 Sleeve type *3	SK- L751-31 Immersion type	SK- L751-32 Immersion type *3
Measuring range	-10.0 to 60.0°C	-40.0 to 80.0°C	-40.0 to 80.0°C	-40.0 to 105.0°C	-40.0 to 80.0°C	-40.0 to 105.0°C
Accuracy	-40.0 to -10.0°C	----	±1.5°C			
	-9.9 to 60.0°C	±0.5°C (*2)	±0.6°C			
	60.1 to 80.0°C	----	±0.8°C			
	80.1 to 105.0°C	----	----	±0.8°C	----	±0.8°C
Sensing element	Thermistor					
Waterproof	----	JIS C 0920 IP65 (*1)	JIS C 0920 IPX7 (*1)			
Materials	Sensing part	PC resin	SUS304	SUS304		SUS303
	Grip	----	----	SUS303		----
	Connector	PVC resin				
Dimensions	Cord	----	PVC resin	PVC resin	Silicone	PVC resin, Silicone
	Sensing part	Ø11 x 60(H) mm	Ø3.3 x 13(L) mm	Ø3 x (L)220 mm (point end)		Ø17 x 90(L) mm
	Grip	----	----	Ø7 x 55(L)mm		----
	Connector	Ø9 x 30(L) mm	----	Ø12 x 40(L) mm		----
Weight	Approx. 9 g	Approx. 23 g	Approx. 45 g	Approx. 90 g	Approx. 175 g	Approx. 240 g
Accessories	Test Result, English manual					

*1 When the probe is connected with a main unit
*2 When the temperature is between -10.0 and 60.0°C
*3 Probes with silicone cables are make-to-order products. Also, we offer a variety of tailor-made probes not listed here. Visit our website for details.

4. Optional Probes for SK-L754 Datalogger (Temperature/Humidity measurement)

Cat. No.	8880-01	8880-02
Model	SK- L754-1	SK- L754-2
Measuring range	Temp. -10 to 60.0°C	-20.0 to 80.0°C
	Humid. 5.0 to 95.0%rh	
Accuracy	Temp. ±0.5°C	
	Humid. Refer to the graphs below	
Sensor	Temp. Thermistor	
	Humid. Capacitance humidity	
Materials	Sensing part PC resin	
	Connector PVC resin	
	Cord PVC resin	
Dimensions	Sensing part Ø11 x 60 (H) mm	Ø11 x 34 (L) mm
	Connector Ø9 x 30 (H) mm	Ø12 x 40 (L) mm
	Cord 1.6 m	
Weight	Approx. 9 g	Approx. 35 g
Accessories	Sensor filter x 1, Test Result	



No.8880-01 Model SK-L754-1 Plug-in type



No.8880-02 Model SK-L754-2 W/-sensor-cord type

5. Measuring range and Accuracy of R. Humidity

