

Thermo/Humidity Recorders

THERMO RECORDER

Order No.	Model No.	Specification	Measuring Item	JPY	Ref.No
1-3234-01	0572.1753	Testo175 T3	Temperature	¥ 26,800	044875
1-3234-02	0572.1754	Testo175 H1	Temperature-Humidity	¥ 37,300	044875
1-3234-03	0572.1764	Testo176 T4	Temperature	¥ 52,300	044875
1-3234-04	0572.1763	Testo176 T3	Temperature	¥ 52,600	044875
1-3234-05	0572.1765	Testo176 H1	Temperature-Humidity	¥ 61,600	044875
1-3234-06	0572.1766	Testo176 H2	Temperature-Humidity	¥ 66,700	044875
1-3234-07	0572.1767	Testo176 P1	Temperature-Humidity-Atmosphere Pressure	¥ 76,500	044875
1-3234-11	0572.6172	Temperature-Humidity Probe with 1.2m Cable	Temperature-Humidity	¥ 31,600	044875
1-3234-12	0572.6174	Temperature-Humidity Probe with Circuit Parts	Temperature-Humidity	¥ 37,000	044875
1-3234-13	0602.0645	Wire Thermocouple(K) Temperature Probe (fiber glass covered)	Temperature	¥ 3,700	044875

※ In case of measuring temperature + humidity, need to connect to dedicated probe (1-3234-11 or 1-3234-12).

Feature ● 175 T3 is suitable for surface temperature measurement and circulating temperature check. ● 175 H1 is protruding sensor, so response speed is fast. ● 176 T4 is capable of temperature record of high-temperature and low-temperature by external probe. ● 176 T3 · H2 is metal type with excellent impact resistance. ● 176 H1 · H2 is external probe, monitoring in thermostat chambers is possible. ● 175 H1 · 176 P1 are supplied with dew point temperature, function of absolute humidity calculation, 176 H1 · H2 are supplied with function of wet bulb temperature calculation.

Probe Specification

- Measuring Range : 0572.6172 / -20~+70°C (temperature) · 0~100% RH (humidity), 0572.6174 / 0~40°C (temperature), 0~100% RH (humidity), 0606.0645 / -40~+400°C (temperature)
- Accuracy : 0572.6172.6174 / ±0.3°C (temperature), ±2% RH (2~98% · humidity), 0602.0645 / Class 2K Thermocouple
- Dimensions : 0572.6172 / φ12×160mm, 0572.6174 / φ4×65mm, 0602.0645 / φ1.5×150mm

Specification

Product Name	testo175 T3	testo175 H1	testo176 T4	testo176 T3	testo176 H1	testo176 H2	testo176 P1
Measuring Method	T · K Thermocouple	Temperature / NTC, Humidity / Capacitance Type	T · K · J Thermocouple		Temperature / NTC, Humidity / Capacitance Type		Temperature / NTC, Humidity / Capacitance Type, Atmospheric Pressure / Piezo Resistance Type
Channel	2channels (built-in)	Temperature · Humidity / 1channel of each (built-in)	4channels (external)		Temperature · Humidity × 2channels of each (external)		Temperature-Humidity × 2channels of each (external), Atmospheric Pressure / 1channel (built-in)
Measuring Range	T Thermocouple / -50~+400°C, K Thermocouple / -50~+1000°C	Temperature / -20~+55°C, -40~+50°Ctd, Humidity / 0~100% RH	T Thermocouple / -200~+400°C, K Thermocouple / -195~+1000°C, J Thermocouple / -100~+750°C		Temperature / -20~+70°C · -40~+70°Ctd, Humidity / 0~100% RH		Temperature / -20~+70°C · -40~+70°Ctd, Humidity / 0~100% RH, Atmospheric Pressure / 600~1100hPa
Resolution	0.1°C	Temperature / 0.1°C, Humidity / 0.1% RH	0.1°C		Temperature / 0.1°C, Humidity / 0.1% RH		Temperature / 0.1°C, Humidity / 0.1% RH, Atmospheric Pressure / 1hPa
Accuracy	-50~+70°C / ±0.5°C, 70.1~1000°C / ±0.7°C of Measuring Value	Temperature / ±0.4°C (-20~+55°C), Humidity / ±2% RH (2~98% RH) · ±0.03% RH/K	-200~+100.1°C / ±1% of Measuring Value, -100~+70°C / ±0.3°C, 70.1~1000°C / ±0.5% of Measuring value		Temperature / ±0.3°C (-20~+70°C) · ±0.4°C (other), Humidity / ±2% RH (2~98% RH)		Temperature / ±0.2°C (-20~+70°C) · ±0.4°C (other), Humidity / ±2% RH (2~98% RH), Atmospheric Pressure / ±3hPa (0~50°C)
Measuring Interval	10seconds~24hours			1second~24hours			
Memory	1000000 data			2000000 data			
Communication	Interface / USB · SD Card, OS / Windows Vista®/7/8, Software / ComSoft Basic 5/Professional 4						
Power Supply	AAA Battery ×3 (included for testing) or Energizer Battery (separately sold)		5903 Lithium Battery ×2 (included for testing)		5903 Lithium Battery ×1 (included for testing)		
Protection Class	IP65		IP54		IP65		IP54
Dimensions	53×27×89mm	53×27×149mm			63×33×103mm		
Weight	130 g		230 g	430 g	220 g	430 g	230 g

Data logger with compact size.



1 Laboratory Equipment

2 Measuring Equipment

3 Laboratory Furniture

4 Life Science and Analysis

5 Bottles and Containers

6 Laboratory Related Tools and Fixtures

7 Cleaning and Sterilization

8 Safety Protection Supplies

9 Clean Environment Equipment

A Balances

B Thermometers and Hygrometers

C Data Loggers and Recorders

D Water and Soil Analysis

E Air and Gas Analysis

F Natural Environment Analysis

G Electrical Measuring Equipment

H Physical Property Measuring Equipment

I Microscopes

J Fiber Scopes and Loupes

K Lasers / Optical Equipment

L Measuring Tools



KT-115LFP

FREEZER DATA LOGGER (alarm-supported)

Order No.	Model No.	Specification	JPY	Ref.No
3-3423-01	KT-115LFP	Body, external temperature sensor	¥ 14,800	044870
3-3422-11	RC-S380/S	Reader	¥ 3,800	044885

※ Contact us for details on the connection equipment.

Feature ● This logger is ideal for continuous secondary temperature management and for keeping official records. ● The logger can be controlled from a tablet or smartphone.

- Specification** ● Temperature measurement range : -40~80°C
- Accuracy : -10~50°C / ±0.3°C, other temperatures / ±0.5°C
 - Resolution : 0.1°C
 - Memory capacity : 16000 entries (limited by memory capacity/rollover)
 - Record interval : 1 min~255 min
 - Outer dimensions : 90×55×15mm ● Weight : 50 g
 - Power supply : logger / button cell battery CR2430×1 (included for testing)



Temperature

DATA LOGGER FOR ULTRA-LOW TEMPERATURES

Order No.	Model No.	Specification	JPY	Ref.No
3-3422-01	KT-155F/EX	Body	¥ 19,800	044870
3-3422-11	RC-S380/S	Reader	¥ 3,800	044885
3-3422-12	ER2450WL	Dedicated Battery (1piece)	¥ 3,000	044870
3-3422-13	ER2450WL/5	Dedicated Battery (5pieces)	¥ 10,000	044870

Feature ● Possible to utilize this data logger for continuous temperature management in temporary storage or during dry ice transportation of reagents, vaccines or cells for medical treatment. ● Use password to restrict access to data logger. ● This device is ideal for monitoring and keeping official record of temperature in freezers without measurement holes.

- Logger can be installed in aircraft without switching its power-off.
- **Specification** ● Temperature Measuring Range : -80~80°C ● Accuracy : ±0.5°C
- Resolution : 0.1°C ● Memory Capacity : 16000 data (limited by memory capacity/rollover)
- Record Interval : 1min.~255min. ● Power Supply : Lithium Button Battery ER2450WL ×1 (included for testing) ● Dimensions : 90×34×15mm ● Weight : 50 g