

## Temperature Data Logger (With built in sensor)



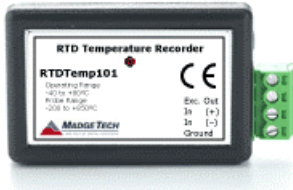
Model	Accuracy	Resolution	Range	Specification
TempRetriever	±0.5°C	0.1°C	-40~80°C	Built-in temperature sensor, LED alarm indicator, memory: 16,383
TransiTemp	±0.5°C	0.1°C	-20~70°C	Built-in temperature sensor, LED alarm indicator, memory: 8,191
Temp100	±0.5°C	0.1°C	-40~80°C	Built-in temperature sensor, pushbutton start/stop, memory: 32,767
Temp110	±0.5°C	0.1°C	-40~80°C	Built-in temperature sensor, 10 years battery life*, memory: 32,767
Cryo-Temp	±1.0°C	0.1°C	-86~35°C	Built-in Thermistor temperature sensor, memory: 32,767

## Temperature Data Logger (With built in sensor)



Model	Accuracy	Resolution	Range	Specification
Temp1000	±0.5°C	0.1°C	-40~80°C	Metal case, built-in temperature sensor, water proof, memory: 32,767
Temp1000IS	±0.5°C	0.1°C	-40~80°C	Metal case, built-in temperature sensor, intrinsically safe, water proof, memory: 32,767
Temp1000P (Probe temperature)	±0.5°C	0.05°C	-40~80°C (-100~260°C)	Metal case, 7" probe, water proof, memory: 32,767
Temp1000S	±0.5°C	0.05°C	-40~150°C	Metal case, 1" probe, water proof, memory: 32,767

## Temperature Data Logger (With built in RTD sensor)



Model	Accuracy	Resolution	Range	Specification
RTDTemp101	±0.05°C	0.01°C	-200~850°C (100Ω)	External RTD probe (RTD probe sold separately), memory: 32,767
RTDTemp110	±0.1°C	0.01°C	-200~850°C (100Ω)	External RTD probe (RTD probe sold separately), 10 years battery life*, memory: 32,767

## Temperature Data Logger (Multi type thermocouple input)



Model	Accuracy	Resolution	Range	Specification
TC4000	±0.5°C	0.1°C	Depends on probe	External J, K, T, E, R, S, B, and N type probe (Probe sold separately), memory: 16,383
TC110	±0.5°C	0.1°C		External J, K, T, E, R, S, B, and N type probe (Probe sold separately), 10 years battery life*, memory: 16,383

## Temperature Data Logger (Multi channel RTD sensor input)



Model	Accuracy	Resolution	Range	Specification
QuadRTD	±0.1°C	0.01°C	-200~850°C (100Ω)	4 channel input, external RTD probe (RTD probe sold separately), memory: 21845 for each channel
OctRTD	±0.1°C	0.01°C		8 channel input, external RTD probe (RTD probe sold separately), memory: 10,922 for each channel

Remark: Software sold separately, software with RS-232 interface: model: IFC110. Software with USB interface: model: IFC200

\*Condition\*: Reading interval: 15min, 8 hour per day and not connect to PC under real time data logging.



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## Temperature Data Logger (Multi channel thermocouple sensor input)



Model	Accuracy	Resolution	Range	Specification
QuadTemp	Internal channel ±0.5°C	Internal channel 0.1°C	Internal channel -20~60°C	4 channel input, external J, K, T, E, R, S, B, and N type probe (Probe sold separately), memory: 26,214 for each channel
OctTemp	External channel (depends on probe)	External channel (depends on probe)	External channel (depends on probe)	8 channel input, external J, K, T, E, R, S, B, and N type probe (Probe sold separately), memory: 14,563 for each channel

## Temperature Data Logger (Oven temperature profiler)

- The data logger is protected by thermally insulated enclosure. It can measure temperature in the oven.

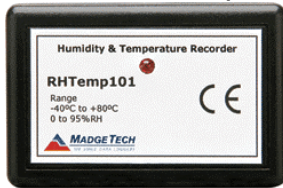


ThermoVault

QuadThermoVault

Model	ThermoVault	QuadThermoVault
Accuracy	±0.5°C	
Resolution	0.1°C	
Ambient Temperature and range	-40~400°C	-20~350°C
Temperature (Maximum continuous measuring time)	100°C (52min) 200°C (22min) 260°C (16min) 350°C (12min)	150°C (30min) 250°C (17min) 300°C (15min) 400°C (10min)
Specification	Single channel input, external J, K, T, E, R, S, B, and N type probe, memory: 14,563	Single channel input, external J, K, T, E, R, S, B, and N type probe, memory: 26,214

## Temp/Hum Data Logger (With built in sensor)



Model	Accuracy	Resolution	Range	Specification
RHTemp101	±0.5°C ±3%RH	0.1°C 0.5%RH	-40~80°C 0~95%RH	Built-in sensor, dew point and water vapor concentration calculation, memory: 21,845 for each channel.
RHTemp110	±0.5°C ±3%RH	0.1°C 0.5%RH	-40~80°C 0~95%RH	Built-in sensor, dew point and water vapor concentration calculation, 10 years battery life*, memory: 21,845 for each channel.

## Temp/ Hum Data Logger (Submersible type)



Model	Accuracy	Resolution	Range	Specification
RHTemp1000	±0.5°C ±3%RH	0.1°C 0.5%RH	-40~80°C 0~100%RH	Metal case, water proof, built-in sensor, dew point and water vapor concentration calculation, memory: 21,845 for each channel.
RHTemp1000IS	±0.5°C ±3%RH	0.1°C 0.5%RH	-40~80°C 0~100%RH	Metal case, water proof, intrinsically safe, built-in sensor, dew point and water vapor concentration calculation, memory: 21,845 for each channel.

## Temp/Hum Data Logger (Ultra Miniature)



MicroRHTemp

MicroTemp

Model	Accuracy	Resolution	Range	Specification
microRHTemp	±0.5°C ±3%RH	0.1°C 0.1%RH	0~50°C 0~95%RH	Built-in sensor, dew point and water vapor concentration calculation, memory: 16,383 for each channel.
MicroTemp	±0.5°C	0.1°C	-40~80°C	Built-in sensor, memory: 32,767

Remark: Software sold separately, software with RS-232 interface: model: IFC110. Software with USB interface: model: IFC200  
For micro model, software with RS-232 interface: model: IFC201. Software with USB interface: model: IFC202

\*Condition\*: Reading interval: 15min, 8 hour per day and not connect to PC under real time data logging.



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## Temp/ Hum/ Pressure Data Logger (With built-in sensor)



Model	Accuracy	Resolution	Range	Specification
PRHTemp101	±0.5°C ±3%RH ±1%FSR	0.1°C 0.5%RH 0.002PSIA	-40~80°C 0-95%RH 0-30PSIA	Built-in sensor, dew point and water vapor concentration calculation, memory: 13,107 for each channel.
PRHTemp110	±0.5°C ±3%RH ±1%FSR	0.1°C 0.5%RH 0.002PSIA	-40~80°C 0-95%RH 0-30PSIA	Built-in sensor, dew point and water vapor concentration calculation, 10 years battery life*, memory: 13,107 for each channel.

## Temp/Pressure Data Logger (With built-in sensor)



Model	Accuracy	Resolution	Range	Specification
PRTemp101	±0.5°C ±1%FSR	0.1°C 0.002PSI	-40~80°C 0-30PSIA	Built-in sensor, memory 8,196 for each channel
PRTemp110	±0.5°C ±1%FSR	0.1°C 0.002PSI	-40~80°C 0-30PSIA	Built-in sensor, 10 years battery life*, memory: 16,383 for each channel

## Temp/Pressure Data Logger (Submersible type)



Model	Accuracy	Resolution	Range	Specification
PRTemp1000 (PSIA)	±0.5°C ±2%FSR	0.1°C 0.002 PSI 0.005 PSI 0.02 PSI 0.05 PSI 0.05 PSI 0.2 PSI	-40~80°C 0~30 PSI 0~100 PSI 0~300 PSI 0~500 PSI 0~1000 PSI 0~5000 PSI	Metal case, water proof, built-in sensor, memory: 16,383 for each channel

## Current Data Logger



Model	Accuracy	Resolution	Range	Specification
Process101	±0.1%FSR	10µA DC	-20~120 mA DC	Single channel input, memory: 32,767
Process110	±0.5%FSR	0.05µA DC	±1mA DC	Single channel input, 10 years battery life*, memory: 32,767
QuadProcess	±0.1%FSR	1µA DC	±25mA DC	4 channel input, memory: 32,767 for each channel
OctProcess	±0.1%FSR	5µA DC	±100mA DC	8 channel input, memory: 16,383 for each channel

## Voltage Data Logger



Model	Accuracy	Resolution	Range	Specification
Volt101	±0.1%FSR	0.05µV DC 0.1mV DC 0.5mV DC 1mV DC	-100~100mV DC -0.25~2.75V DC -1~16V DC -2~32V DC	Single channel input, memory: 32,767
Volt110				Single channel input, 10 years battery life*, memory: 32,767
QuadVolt				4 channel input, memory: 32,767 for each channel
OctVolt				8 channel input, memory: 16,383 for each channel

Remark: Software sold separately, software with RS-232 interface: model: IFC110. Software with USB interface: model: IFC200

\*Condition\*: Reading interval: 15min, 8 hour per day and not connect to PC under real time data logging.



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