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**NEW  
ARRIVAL**

## PDF Temperature and Temperature Humidity Data Logger



TEST AND MEASUREMENT INSTRUMENTS C.C.  
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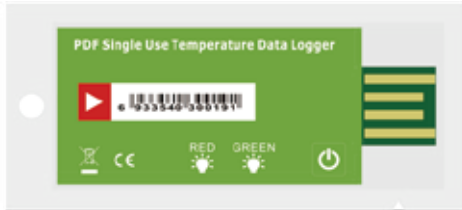
## --PDF Data Logger Selection Guide

Model	Parameters	Range	LCD	Sensor Type	Accuracy	Waterproof	Max. Readings	Sensor Location	Power Supply
<b>Single Use PDF Data Loggers</b>									
YSUP-12	Temperature	-30~70°C	x	NTC	±0.5°C	IP67	8640	Internal	CR2032 3.0V
YXUP-10	Temperature	-30~70°C	x	NTC	±0.5°C	IP55	8640	Internal	CR2032 3.0V
YXUP-10D	Temperature	-30~70°C	x	NTC	±0.5°C	IP55	8640	Internal	CR2032 3.0V
YXUP-10LT	Temperature	-40~80°C	x	NTC	±0.5°C	IP55	8640	Internal	CR2032 3.0V
YXUP-20	Temperature Relative Humidity	-30~70°C; 0~100%RH	x	Digit IC	±0.2°C	IP55	8640	Internal	CR2032 3.0V
YXUP-20D	Temperature Relative Humidity	-30~70°C; 0~100%RH	x	Digit IC	±0.2°C	IP55	8640	Internal	CR2032 3.0V
YXUP-20LT	Temperature Relative Humidity	-40~80°C; 0~100%RH	x	Digit IC	±0.2°C	IP55	8640	Internal	CR2032 3.0V
<b>PDF Temperature Data Loggers</b>									
YMP-10D	Temperature	-30~70°C	√	NTC	±0.5°C	IP54	30240	Internal (External optional)	CR2032 3.0V
YMP-10LT	Temperature	-40~80°C	x	NTC	±0.5°C	IP54	30240	Internal	3.6V Lithium
YMP-11D	Temperature	-30~70°C	√	Digit IC	±0.2°C	IP54	30240	Internal (External optional)	CR2032 3.0V
YMP-11ED	Temperature	-40~125°C	√	Digit IC	±0.2°C	IP54	30240	External	CR2032 3.0V
YMP-11LT	Temperature	-40~80°C	x	Digit IC	±0.2°C	IP54	30240	Internal	3.6V Lithium
YMP-700ED	Temperature	-200~250°C	√	PT1000	±0.5°C	IP54	30240	External	CR2032 3.0V
<b>Dry Ice PDF Temperature Data Logger</b>									
YMP-170	Temperature	-80~70°C	x	PT1000	±0.5°C	IP54	30240	Internal	3.6V Lithium
YXUP-170 (Single Use)	Temperature	-80~70°C	x	PT1000	±0.5°C	IP55	8640	Internal	3.6V Lithium
<b>PDF Temperature Relative Humidity Data Logger</b>									
YMP-20D	Temperature Relative Humidity	-30~70°C; 0~100%RH	√	Digit IC	±0.3°C ±3%RH	IP54	17280	Internal (External optional)	CR2032 3.0V
YMP-20ED	Temperature Relative Humidity	-40~125°C; 0~100%RH	√	Digit IC	±0.3°C ±3%RH	IP54	17280	External	CR2032 3.0V
YMP-20LT	Temperature Relative Humidity	-40~80°C; 0~100%RH	x	Digit IC	±0.3°C ±3%RH	IP54	17280	Internal	3.6V Lithium
YMP-21D	Temperature Relative Humidity	-30~70°C; 0~100%RH	√	Digit IC	±0.2°C ±2%RH	IP54	17280	Internal (External optional)	CR2032 3.0V
YMP-21ED	Temperature Relative Humidity	-40~125°C; 0~100%RH	√	Digit IC	±0.2°C ±2%RH	IP54	17280	External	CR2032 3.0V
YMP-21LT	Temperature Relative Humidity	-40~80°C; 0~100%RH	x	Digit IC	±0.2°C ±2%RH	IP54	17280	Internal	3.6V Lithium
<b>Compact PDF Temperature/Humidity Data Loggers</b>									
YMUP-10D	Temperature	-30~70°C	√	NTC	±0.5°C	IP54	8640	Internal	CR2032 3.0V
YMUP-20D	Temperature Relative Humidity	-30~70°C; 0~100%RH	√	Digit IC	±0.4°C ±3.5%RH	IP54	8640	Internal	CR2032 3.0V

Optional	Part NO.
CR2032 3v lithium battery	0902 0001
Calibration certificate - 2 points temperature	0902 0002
Calibration certificate - 3 points temperature	0902 0003
Calibration certificate - 2 points temperature and 2 points humidity	0902 0004
Calibration certificate - 3 points temperature and 3 points humidity	0902 0005



## YSUP-12 - Features and Benefits



USB  
Connection



Relative  
Humidity



Temperature Range  
-30°C to 70°C



Automatic  
PDF Report



- Single use temperature data logger
- Data storage capacity: 8640 readings
- LED status and alarm indication
- Multiple data loggers can be graphed together
- Auto generating PDF report and read PDF report directly
- One button to start and stop
- 6 mark points supported

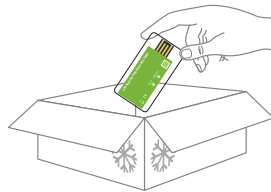
### Overview

These data loggers are ideal for monitoring the temperature in transport, storage and testing process. Recording are started and stopped by pressing a button. And place into USB slot on any computer to get PDF report directly without any software and driver.

### Easy Handling



**01** Ready to use due to pre-configuration



**02** Attach started YSUT loggers to your shipment



**03** Connect stopped logger directly to USB port



**04** Automated PDF report with all important details

### Specifications

Use Type	Single Use
Measurement Range	-30°C~+70°C(-22°F to 158°F)
Measurement Accuracy	±0.5°C(±0.9°F) (Typical Accuracy)
Resolution	±0.1°C(±0.1°F)
Data Storage Capacity	8640 readings
Sample Interval	10sec. to 18hours
Run Days	1~360days
Start Mode	By Button
Stop Mode	By Button; Memory Full; When Into USB
High/Low Alert	Customized
Start Delay	0~254min.
Alert Delay	0~960min.
Alert Type	Single Type; Accumulation Type
Operation Environment	0~100%RH; -30~70°C
Storage Environment	Temperature: 10 to 50°C; Humidity: 20% to 80%RH
Dimensions	62mm*27mm*4mm
Weight	10g
Protection Class	IP67
Communication Interface	Build-in USB 2.0
Power Supply	CR2032 3v lithium battery
Shelf time/warranty	15months
Software	No need to any software and driver

### Optional

Shipping label and bag: Part NO. 0202 0012

### Other Models of Single Use PDF Data Logger

Model	Parameters	Range	Sensor Type	Accuracy
YSUP-12	Temperature	-30~70°C	NTC	±0.5°C
YXUP-10	Temperature	-30~70°C	NTC	±0.5°C
YXUP-10D	Temperature	-30~70°C	NTC	±0.5°C
YXUP-10LT	Temperature	-40~80°C	NTC	±0.5°C
YXUP-20	Temperature Relative Humidity	-30~70°C; 0~100%RH	Digit IC	±0.2°C
YXUP-20D	Temperature Relative Humidity	-30~70°C; 0~100%RH	Digit IC	±0.2°C
YXUP-20LT	Temperature Relative Humidity	-40~80°C; 0~100%RH	Digit IC	±0.2°C

### Application



Pharmaceutical Products



Food & Produce & Cold Chain



Technical Products



### PDF Temperature Data Loggers

These data loggers are ideal for monitoring the temperature in transport, storage and testing process. Recording are started and stopped by pressing a button. And place into USB slot on any computer to get PDF report directly without any software and driver.

- Generating PDF report without any software and driver
- Build-in USB interface
- LCD shows recording status, readings, limit and alarm information
- 6 mark points supported
- User configurable settings
- LED status and alarm indication
- Low battery warnings
- Internal and external probe optional

Specifications	YMP-10D	YMP-11D
Use Type	Multiple use	
Measuring Range	-30~70°C	
Accuracy	±0.5°C	±0.2°C
Resolution	0.1°C	
Data Storage Capacity	30240	
Sample Interval	10 sec. to 18 hours	
Max. Run Days	900 days	
High and Low Alert	User configurable	
Alert Delay	0~960 min.	
Alert Type	Single type; Accumulation type	
Start Delay	0~254 min.	
Start Mode	By button	
Stop Mode	By button; Memory full; When into USB	
Operation Environment	-30~70°C, 0~100% RH	
Storage Environment	Temperature: 10 to 50°C; Humidity: 20% to 80%RH	
Protection Class	IP54	
Communication Interface	Build-in USB2.0	
Power Supply	CR2032 3.0v lithium battery	
Software	PidifiX (windows 7&8&vista&10, 32&64bits)	
Shelf Time	15 months	
Dimensions	75mm*28mm*10mm	
Weight	20g	



**YMP-10D**  
Device with battery and internal sensor, CD, manual  
Part no.: 0201 0100

**YMP-11D**  
Device with battery and internal sensor, CD, manual  
Part no.: 0201 0101



Optional for YMP-11D	Part no.
Digit temperature external probe -40~125°C; ±0.2°C	 0202 1010

### PDF Temperature Data Logger with External Probe

These data loggers are ideal for monitoring the temperature in transport, storage and testing process. Recording are started and stopped by pressing a button. And place into USB slot on any computer to get PDF report directly without any software and driver.

- Generating PDF report without any software and driver
- Build-in USB interface
- LCD shows recording status, readings, limit and alarm information
- 6 mark points supported
- User configurable settings
- LED status and alarm indication
- Low battery warnings

Specifications	YMP-11ED
Use type	Multi-use
Measuring range	-40~125°C
Accuracy	±0.2°C
Resolution	0.1°C
Data storage capacity	30240
Sample interval	10sec. to 18hours
Max. run days	900days
High and low alarm	User configurable
Alarm delay	0~960min.
Alarm type	Single type; Accumulation type
Start delay	0~254min.
Start mode	By button
Stop mode	By button; Memory full; When into USB
Operation environment	-30~70°C, 0~100%RH
Storage environment	Temperature: 10 to 50°C; humidity: 20% to 80%RH
Size/Weight/Case material	75mmX28mmX10mm/20g/ABS
Protection class	IP54
Standards/Certificates	CE, ROHS,EN12830, 21CFR11
Communication interface	Build-in USB 2.0
Power supply	CR2032 3.0v lithium battery
Software	PidifiX (windows 7&8&vista&10 32&64bits)
Shelf time/warranty	15months



**YMP-11ED**  
Device with battery and external sensor, CD, manual  
Part no.: 0201 0102



Optional	Part no.
Digit temperature external probe -40~125°C; ±0.2°C	 0202 1010

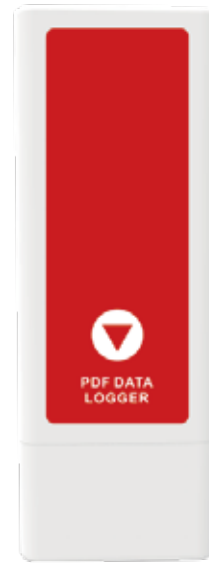


**Extend Range Temperature PDF Data Loggers**

These data loggers are ideal for monitoring the temperature in transport, storage and testing process. Recording are started and stopped by pressing a button. And place into USB slot on any computer to get PDF report directly without any software and driver.

- Generating PDF report without any software and driver
- Build-in USB interface
- 6 mark points supported
- User configurable settings
- LED status and alarm indication
- -40~80°C measurement range

Specifications	YMP-10LT	YMP-11LT
Use type	Multi-use	
Measuring range	-40~80°C	
Accuracy	±0.5°C	±0.2°C
Resolution	0.1°C	
Data storage capacity	30240	
Sample interval	10sec. to 18hours	
Max. run days	900days	
High and low alarm	User configurable	
Alarm delay	0~960min.	
Alarm type	Single type; Accumulation type	
Start delay	0~254min.	
Start mode	By button	
Stop mode	By button; Memory full; When into USB	
Operation environment	-40~80°C, 0~100%RH	
Storage environment	Temperature: 10 to 50°C; humidity: 20% to 80%RH	
Size/Weight/Case material	75mmX28mmX10mm/20g/ABS	
Protection class	IP54	
Standards/Certificates	CE, ROHS, EN12830, 21CFR11	
Communication interface	Build-in USB 2.0	
Power supply	3.6v lithium battery	
Software	PidifiX (windows 7&8&vista&10 32&64bits)	
Shelf time/warranty	15months	



**YMP-10LT**  
Device with battery and internal sensor, CD, manual  
Part no.: 0201 0103

**YMP-11LT**  
Device with battery and internal sensor, CD, manual  
Part no.: 0201 0104



**Wide Range Temperature PDF Data Logger with External Probe**

These data loggers are ideal for monitoring the temperature in transport, storage and testing process. Recording are started and stopped by pressing a button. And place into USB slot on any computer to get PDF report directly without any software and driver.

- Generating PDF report without any software and driver
- Build-in USB interface
- LCD shows recording status, readings, limit and alarm information
- 6 mark points supported
- User configurable settings
- LED status and alarm indication
- Low battery warnings
- Wide measurement range -200~250°C

Specifications	YMP-700ED
Use type	Multi-use
Measuring range	-200~250°C
Accuracy	±0.5°C
Resolution	0.1°C
Data storage capacity	30240
Sample interval	10sec. to 18hours
Max. run days	900days
High and low alarm	User configurable
Alarm delay	0~960min.
Alarm type	Single type; Accumulation type
Start delay	0~254min.
Start mode	By button
Stop mode	By button; Memory full; When into USB
Operation environment	-30~70°C, 0~100%RH
Storage environment	Temperature: 10 to 50°C; humidity: 20% to 80%RH
Size/Weight/Case material	75mmX28mmX10mm/20g/ABS
Protection class	IP54
Standards/Certificates	CE, ROHS, EN12830, 21CFR11
Communication interface	Build-in USB 2.0
Power supply	CR2032 3.0v lithium battery
Software	PidifiX (windows 7&8&vista&10 32&64bits)
Shelf time/warranty	15months



**YMP-700ED**  
Device with battery and external probe, CD, manual  
Part no.: 0201 0105



Optional	Part no.
PT1000 Temperature external probe -200~250°C; ±0.5°C	0202 1011

### Dry Ice PDF Temperature Data Logger

These data loggers are ideal for monitoring the temperature in transport, storage and testing process. Recording are started and stopped by pressing a button. And place into USB slot on any computer to get PDF report directly without any software and driver.

- Generating PDF report without any software and driver
- Build-in USB interface
- 6 mark points supported
- User configurable settings
- LED status and alarm indication
- -80~70°C measurement range

Specifications	YMP-170
Use type	Multi-use
Measuring range	-80~70°C
Accuracy	±0.5°C
Resolution	0.1°C
Data storage capacity	30240
Sample interval	10sec. to 18hours
Max. run days	900days
High and low alarm	User configurable
Alarm delay	0~960min.
Alarm type	Single type; Accumulation type
Start delay	0~254min.
Start mode	By button
Stop mode	By button; Memory full; When into USB
Operation environment	-80~70°C, 0~100%RH
Storage environment	Temperature: 10 to 50°C; humidity: 20% to 80%RH
Size/Weight/Case material	75mmX28mmX10mm/20g/ABS
Protection class	IP54
Standards/Certificates	CE, ROHS, EN12830, 21CFR11
Communication interface	Build-in USB 2.0
Power supply	3.6v lithium battery
Software	PidifiX (windows 7&8&vista&10 32&64bits)
Shelf time/warranty	15months



**YMP-170**

Device with battery and internal sensor, CD, manual  
Part no.: 0201 0106



### Other Models of Dry Ice PDF Temperature Data Logger

Model	Parameters	Range	LCD	Sensor Type	Accuracy	Waterproof	Max. Readings	Sensor Location	Power Supply
<b>Dry Ice PDF Temperature Data Logger</b>									
YMP-170	Temperature	-80~70°C	x	PT1000	±0.5°C	IP54	30240	Internal	3.6V Lithium
YXUP-170 (Single Use)	Temperature	-80~70°C	x	PT1000	±0.5°C	IP55	8640	Internal	3.6V Lithium

## PDF Temperature and Humidity Data Loggers

These data loggers are ideal for monitoring the temperature and humidity in transport, storage and testing process. Recording are started and stopped by pressing a button. And place into USB slot on any computer to get PDF report directly without any software and driver.

- Generating PDF report without any software and driver
- Build-in USB interface
- LCD shows recording status, readings, limit and alarm information
- 3 mark points supported
- User configurable settings
- LED status and alarm indication
- Low battery warnings
- Internal and external probe optional

Specifications	YMP-20D	YMP-21D
Use type	Multi-use	
Measuring range	-30~70°C, 0~100%RH	
Accuracy	±0.3°C, ±3%RH	±0.2°C, ±2%RH
Resolution	0.1°C, 0.1%RH	
Data storage capacity	17280 (for each channel)	
Sample interval	10sec. to 18hours	
Max. run days	900days	
High and low alarm	User configurable	
Alarm delay	0~960min.	
Alarm type	Single type; Accumulation type	
Start delay	0~254min.	
Start mode	By button	
Stop mode	By button; Memory full; When into USB	
Operation environment	-30~70°C, 0~100%RH	
Storage environment	Temperature: 10 to 50°C; humidity: 20% to 80%RH	
Size/Weight/Case material	75mmX28mmX10mm/20g/ABS	
Protection class	IP54	
Standards/Certificates	CE, ROHS, EN12830, 21CFR11	
Communication interface	Build-in USB 2.0	
Power supply	CR2032 3.0v lithium battery	
Software	PidifiX (windows 7&8&vista&10 32&64bits)	
Shelf time/warranty	15months	



**YMP-20D**  
Device with battery and internal sensor, CD, manual  
Part no.: 0201 0200

**YMP-21D**  
Device with battery and internal sensor, CD, manual  
Part no.: 0201 0201



Optional	Part no.
Temperature and humidity external probe -40~125°C, 0~100%RH; ±0.3°C, ±3%RH	0202 1020
Temperature and humidity external probe -40~125°C, 0~100%RH; ±0.2°C, ±2%RH	0202 1021

## PDF Temperature and Humidity Data Loggers with External Probe

These data loggers are ideal for monitoring the temperature and humidity in transport, storage and testing process. Recording are started and stopped by pressing a button. And place into USB slot on any computer to get PDF report directly without any software and driver.

- Generating PDF report without any software and driver
- Build-in USB interface
- LCD shows recording status, readings, limit and alarm information
- 3 mark points supported
- User configurable settings
- LED status and alarm indication
- Low battery warnings

Specifications	YMP-20ED	YMP-21ED
Use type	Multi-use	
Measuring range	-40~125°C, 0~100%RH	
Accuracy	±0.3°C, ±3%RH	±0.2°C, ±2%RH
Resolution	0.1°C, 0.1%RH	
Data storage capacity	17280 (for each channel)	
Sample interval	10sec. to 18hours	
Max. run days	900days	
High and low alarm	User configurable	
Alarm delay	0~960min.	
Alarm type	Single type; Accumulation type	
Start delay	0~254min.	
Start mode	By button	
Stop mode	By button; Memory full; When into USB	
Operation environment	-30~70°C, 0~100%RH	
Storage environment	Temperature: 10 to 50°C; humidity: 20% to 80%RH	
Size/Weight/Case material	75mmX28mmX10mm/20g/ABS	
Protection class	IP54	
Standards/Certificates	CE, ROHS, EN12830, 21CFR11	
Communication interface	Build-in USB 2.0	
Power supply	CR2032 3.0v lithium battery	
Software	PidifiX (windows 7&8&vista&10 32&64bits)	
Shelf time/warranty	15months	



**YMP-20ED**  
Device with battery and external probe, CD, manual  
Part no.: 0201 0202

**YMP-21ED**  
Device with battery and external probe, CD, manual  
Part no.: 0201 0203



Optional	Part no.
Temperature and humidity external probe -40~125°C, 0~100%RH; ±0.3°C, ±3%RH	0202 1020
Temperature and humidity external probe -40~125°C, 0~100%RH; ±0.2°C, ±2%RH	0202 1021

### Extend Range Temperature and Humidity PDF Data Loggers

These data loggers are ideal for monitoring the temperature and humidity in transport, storage and testing process. Recording are started and stopped by pressing a button. And place into USB slot on any computer to get PDF report directly without any software and driver.

- Generating PDF report without any software and driver
- Build-in USB interface
- 3 mark points supported
- User configurable settings
- LED status and alarm indication
- -40~80°C measurement range

Specifications	YMP-20LT	YMP-21LT
Use type	Multi-use	
Measuring range	-40~80°C, 0~100%RH	
Accuracy	±0.3°C, ±3%RH	±0.2°C, ±2%RH
Resolution	0.1°C, 0.1%RH	
Data storage capacity	17280 (for each channel)	
Sample interval	10sec. to 18hours	
Max. run days	900days	
High and low alarm	User configurable	
Alarm delay	0~960min.	
Alarm type	Single type; Accumulation type	
Start delay	0~254min.	
Start mode	By button	
Stop mode	By button; Memory full; When into USB	
Operation environment	-40~80°C, 0~100%RH	
Storage environment	Temperature: 10 to 50°C; humidity: 20% to 80%RH	
Size/Weight/Case material	75mmX28mmX10mm/20g/ABS	
Protection class	IP54	
Standards/Certificates	CE, ROHS, EN12830, 21CFR11	
Communication interface	Build-in USB 2.0	
Power supply	3.6v lithium battery	
Software	Pidifix (windows 7&8&vista&10 32&64bits)	
Shelf time/warranty	15months	



#### YMP-20LT

Device with battery and internal sensor, CD, manual  
Part no.: 0201 0204

#### YMP-21LT

Device with battery and internal sensor, CD, manual  
Part no.: 0201 0205



## Compact PDF Temperature Data Logger

These data loggers are ideal for monitoring the temperature in transport, storage and testing process. Recording are started and stopped by pressing a button. And place into USB slot on any computer to get PDF report directly without any software and driver.

- Generating PDF report without any software and driver
- Build-in USB interface
- LCD shows recording status, readings, limit and alarm information
- 6 mark points supported
- User configurable settings
- LED status and alarm indication
- Low battery warnings

Specifications	YMUP-10D
Use type	Multi-use
Measuring range	-30~70°C
Accuracy	±0.5°C
Resolution	0.1°C
Data storage capacity	8640
Sample interval	10sec. to 18hours
Max. run days	900days
High and low alarm	User configurable
Alarm delay	0~960min.
Alarm type	Single type; Accumulation type
Start delay	0~254min.
Start mode	By button
Stop mode	By button; Memory full; When into USB
Operation environment	-30~70°C, 0~100%RH
Storage environment	Temperature: 10 to 50°C; humidity: 20% to 80%RH
Size/Weight/Case material	95mmX40mmX17mm/36g/ABS
Protection class	IP54
Standards/Certificates	CE, ROHS, EN12830, 21CFR11
Communication interface	Build-in USB 2.0
Power supply	CR2032 3.0v lithium battery
Software	PidifiX (windows 7&8&vista&10 32&64bits)
Shelf time/warranty	15months



### YMUP-10

Device with battery and internal sensor, CD, manual  
Part no.: 0204 0100

**Compact PDF Temperature and Humidity Data Logger**

These data loggers are ideal for monitoring the temperature and humidity in transport, storage and testing process. Recording are started and stopped by pressing a button. And place into USB slot on any computer to get PDF report directly without any software and driver.

- Generating PDF report without any software and driver
- Build-in USB interface
- LCD shows recording status, readings, limit and alarm information
- 3 mark points supported
- User configurable settings
- LED status and alarm indication
- Low battery warnings

Specifications	YMUP-20D
Use type	Multi-use
Measuring range	-30~70°C, 0~100%RH
Accuracy	±0.4°C, ±3.5%RH
Resolution	0.1°C, 0.1%RH
Data storage capacity	8640 (for each channel)
Sample interval	10sec. to 18hours
Max. run days	900days
High and low alarm	User configurable
Alarm delay	0~960min.
Alarm type	Single type; Accumulation type
Start delay	0~254min.
Start mode	By button
Stop mode	By button; Memory full; When into USB
Operation environment	-30~70°C, 0~100%RH
Storage environment	Temperature: 10 to 50°C; humidity: 20% to 80%RH
Size/Weight/Case material	95mmX40mmX17mm/36g/ABS
Protection class	IP54
Standards/Certificates	CE, ROHS, EN12830, 21CFR11
Communication interface	Build-in USB 2.0
Power supply	CR2032 3.0v lithium battery
Software	PidifiX (windows 7&8&vista&10 32&64bits)
Shelf time/warranty	15months



**YMUP-20**  
Device with battery and internal sensor, CD, manual  
Part no.: 0204 0200

