

# YDP Series Professional Data Logger with U-Disk

## YDP-20 / YDP-20E / YDP-10E / YDP-700E

- Press button to start / stop logging, and view logging and alarm information
- Generate pdf, dlg, csv, xls or txt file without any software / driver
- Professional software to view graph and analyze data
- View historical data of maximum / minimum / average
- LCD shows recording status, readings, limit and alarm indication
- User configurable high / low alarm limits
- Calendar supported and user configurable
- Sound alarm supported
- Large LCD display with backlight
- Battery status indication
- Generate PDF report with device event
- Longer battery life and user replaceable
- Built-in USB interface
- 3 mark points supported
- Password control
- Re-calibrate supported



### YDP-20

Temperature and humidity professional data logger  
Part no.: 1000200027

### YDP-20E

Temperature and humidity professional data logger  
with external probe  
Part no.: 1000200021

### YDP-10E

Two channels temperature professional data logger  
with external probe  
Part no.: 1000200024

### YDP-700E

Two channels RTD professional data logger  
with external probe  
Part no.: 1000200023



Specifications	YDP-20	YDP-20E	YDP-10E	YDP-700E
Channel	1 int. temp. 2 int. humi.	1 ext.temp. 2 ext.humi.	1 ext. temp. 2 ext. temp.	1 ext. temp. 2 ext. temp.
Sensor	Digital Digital	Digital Digital	Digital Digital	PT1000 PT1000
Unit		°C, °F %RH		°C, °F °C, °F
Measuring range	-30~65°C 0~100%RH	-40~125°C 0~100%RH	-40~125°C -40~125°C	-200~250°C -200~250°C
Accuracy	±0.3°C(-10~65°C), ±0.5°C(others) ±3% RH(10~90% RH), ±4% (others)		±0.3°C(-10~65°C), ±0.5°C(others) ±0.3°C(-10~65°C), ±0.5°C(others)	±0.5°C(-100~100°C), ±1.0°C(others) ±0.5°C(-100~100°C), ±1.0°C(others)
Resolution		0.1°C 0.1%RH		0.1°C 0.1°C
Response time(t <sub>90</sub> )				15min(internal probe); 5 min(external probe)
Readings memory				25920 or 500000 optional (software optional)
LCD refresh interval				5sec
Measuring interval				5sec
Power supply				3pcs AAA 1.5V battery USB 5V/2A
Battery life				1 year(Condition: Battery capacity 1200mAh, operation temperature 25°C, turn off the backlight and beep)
Operation temperature				-30°C~65°C
Storage temperature				-30°C~65°C
Size / Weight				96X108X20mm / 120g
Protection Class				IP20
Standards / Certificates				CE ROHS
Communication Interface				MicroUSB
Standard probe accessories	N / A	Part no.: 1000700013	Part no.: 1000700014	Part no.: 1000700006
Optional probe accessories	N / A	Part no.: 1000700013	Part no.: 1000700014	Part no.: 1000700006