



New water treatment instrument 2021

Specifications

	pH unit	EC unit
pH	Range	0.00-14.00pH
	Resolution	0.01pH
	Accuracy	±0.02pH
	Calibration Points	2 points
pH Buffer Options	4.01/7.00/10.00	—
	Range	—
	Resolution	—
	Accuracy	—
Conductivity	Range	0-2000, 20000, 200000µS/cm, 2000000µS/cm
	Resolution	—
	Accuracy	—
	Calibration Points	—
Calibration Solutions	NaCl/KCl, NaCl/KCl, 10.00000, 10.00000	—
	Range	—
	Resolution	—
	Accuracy	—
Temperature	Range	0-40°C
	Resolution	1°C
	Accuracy	±1°C
	Other features	—
General	Operating Temperature	0-40°C, automatic
	Display	Three line LCD (2+1+2+1)
	Power Requirements	1x1.5V AAA battery
	Dimensions	185 (L) x 40 (W) x 110 (H) mm

Measurement Parameters

Conductivity, temperature

pH Features

- 2 point push button calibration with auto-buffer recognition
- Hold function temporarily freezes reading for easy viewing and recording
- Auto-power OFF effectively conserves battery life
- Replaceable electrode module reduces maintenance and replacement cost

EC Features

- Multi-range conductivity meter contains the TDS and salinity measurement
- mode 1 to 3 point calibration with automatic recognition for conductivity standard
- Automatic temperature compensation ensures accurate readings over the entire range
- Auto Read function senses and locks the measurement endpoint
- Solve menu allows setting the number of calibration points, TDS conversion factor, temperature unit, auto-power off, etc.

Specifications

	Model	DDS-12D
Conductivity	Range	0.01 to 20.00, 200.0, 20000.00µS/cm, 20.00, 200.00mS/cm
	Resolution	0.001, 0.01, 0.1, 1
	Accuracy	±1% F.S.
	Calibration Points	1 to 3 points
Temperature	Calibration Solutions	10µM, 100µM, 1.00mM, 10.0mM, 100.0mM
	Range	0 to 100°C/32 to 212°F
	Resolution	0.1°C/0.1°F
	Accuracy	±1°C/±1°F
General	Other Calibration	1 point
	Calibration Range	Reading ±10°C
	Temperature Compensation	0 to 100°C/32 to 212°F, manual or automatic
	Temperature Coefficient	Linear (0.0 to 10.0%/°C)
Display	Reference Temperature	25°C
	Cell Constant	K=0.1, 1, 10 or custom
	Hold Function	Manual or auto-endpoint
	Connector	6-pin mini-DIN, 3.5mm jack socket
Power	Display	Custom LCD (12+1+1+1+1+1)
	Power	DCH using AC adapter, 220V/50Hz
	Dimensions	215(L) x 230(W) x 75(H)mm
	Weight	1.5kg

Features

- Auto 1 point calibration with automatic recognition for conductivity standards
- Selectable cell constant and temperature coefficient
- Automatic temperature compensation ensures accurate readings over the entire range
- Auto Read function senses and locks the measurement endpoint
- Solve menu allows setting the number of calibration points, temperature unit, etc.
- Reset function automatically restores all settings back to the factory default

Optional Conductivity Electrodes

- CDN-1: Use for measuring the low conductivity liquids (100µS/cm), e.g., pure water
- CDN-10: Use for measuring the high conductivity liquids (100mS/cm), e.g., pure water

Meter Includes

Conductivity electrode, electrode holder, power adapter,

Specifications

	Model	Bante950
Conductivity	Range	0.01-20.00, 200.0, 20000.00µS/cm, 20.00, 200.00mS/cm
	Resolution	0.001, 0.01, 0.1, 1
	Accuracy	±0.1% F.S.
	Calibration Points	1 to 3 points
Temperature	Calibration Solutions	10µM, 100µM, 1.00mM, 10.0mM, 100.0mM
	Range	0 to 100°C/32 to 212°F
	Resolution	0.1°C/0.1°F
	Accuracy	±1°C/±1°F
General	Other Calibration	1 point, reading ±10°C
	Temperature Compensation	0-100°C/32 to 212°F, manual or automatic
	Temperature Coefficient	Linear (0.0-10.0%/°C), pure water
	Reference Temperature	25.0°C
Display	Cell Constant	K=0.1, 1, 10 or custom
	Stability Criteria	Low or high
	Calibration Due Alarm	1 to 31 days or off
	Calibration Factor Display	Yes
Power	Hold Function	Manual or auto-endpoint
	Memory	300 data sets
	Connector	6-pin mini-DIN, 3.5mm jack socket
	Display	Custom LCD (12+1+1+1+1+1+1)
Dimensions	Power Requirements	220V power adapter
	Dimensions	215(L) x 180(W) x 100(H)mm
	Weight	1.5kg

Measurement Parameters

Conductivity, TDS, salinity, resistivity, temperature

Features

- 1 to 3 point calibration with automatic recognition for conductivity standards
- Automatic electrode diagnosis shows the calibration points and factors
- Selectable cell constant, reference temperature, TDS factor, linear and pure water compensation, resistor and practical salinity measurement mode
- Automatic temperature compensation ensures accurate readings over the entire range
- Auto Read function senses and locks the measurement endpoint
- Calibration due alarm prompts user to calibrate the meter regularly
- Solve menu allows setting the number of calibration points, stability criteria, temperature unit, cell constant, etc.
- Reset function automatically restores all settings back to the factory default
- Expanded memory stores up to 300 data sets
- USB communication interface for data transfer and timed interval readings
- Connected to thermal printer, no need to install software, direct printing of measured values, English language

Specifications

	Model	Bante920
pH	Range	-2.000 to 20.000pH
	Resolution	0.001, 0.01, 0.1pH, variable
	Accuracy	±0.002pH
	Calibration Points	1 to 3 points
pH Buffer Options	USA, NIST, DIN, 2 custom buffers	—
	Range	—
	Resolution	—
	Accuracy	—
Temperature	Calibration Solutions	10µM, 100µM, 1.00mM, 10.0mM, 100.0mM
	Range	0 to 100°C/32 to 212°F
	Resolution	0.1°C/0.1°F
	Accuracy	±1°C/±1°F
General	Other Calibration	1 point
	Calibration Range	Reading ±10°C
	Temperature Compensation	0 to 100°C/32 to 212°F, manual or automatic
	Temperature Coefficient	Linear (0.0 to 10.0%/°C)
Display	Reference Temperature	25°C
	Cell Constant	K=0.1, 1, 10 or custom
	Hold Function	Manual or auto-endpoint
	Connector	6-pin mini-DIN, 3.5mm jack socket
Power	Display	Custom LCD (12+1+1+1+1+1+1)
	Power	DCH using AC adapter, 220V/50Hz
	Dimensions	215(L) x 230(W) x 75(H)mm
	Weight	1.5kg

Measurement Parameters

pH, mV, relative mV, temperature

pH Features

- 1 to 3 point calibration with automatic recognition for USA, NIST and DIN buffers
- Automatic electrode diagnosis shows the pH slope and offset
- Automatic temperature compensation ensures accurate readings over the entire range
- Calibration due alarm prompts user to calibrate the meter regularly

ORP Features

- 1 point offset calibration allows adjusting the displayed value to a known standard
- Relative and absolute millivolt modes ensure the reliable ORP measurements

General Features

- Auto Read function senses and locks the measurement endpoint
- Solve menu allows setting the pH buffer set, number of calibration points, resolution, stability criteria, temperature unit, date and time, etc.
- Reset function automatically restores all settings back to the factory default
- Expanded memory stores up to 300 data sets
- USB communication interface for data transfer and timed interval readings
- Connected to thermal printer, no need to install software, direct printing of measured values, English language

This PPT only introduces some new products from the sales view, and does not cover the technologies in detail.

PE-10 Pocket pH/conductivity meter

Measurement Parameters

pH, Conductivity, Temperature

pH Features

- 2 points push-button calibration with auto-buffer recognition
- Hold function momentarily freezes reading for easy viewing and recording
- Auto-Power Off effectively conserves battery life
- Replaceable electrode module reduces maintenance and replacement cost

EC Features

- Multi-range conductivity tester contains the TDS and salinity measurement
- modes 1 to 3 points calibration with automatic recognition for conductivity standards
- Automatic temperature compensation ensures accurate readings over the entire range
- Auto-Read function senses and locks the measurement endpoint
- Setup menu allows setting the number of calibration points, TDS conversion factor, temperature unit, auto-power off, etc.

Accessories



Electrode
PE-L



pH buffer
4.01, 7.00, 10.01



pH solution
4.01, 7.00, 10.01



Conductivity Solution
84μS/cm, 1413ms/cm, 12.88ms/cm

Specifications		PH unit	EC unit
PH	Range	0.00~14.00pH	—
	Resolution	0.01pH	—
	Accuracy	±0.02pH	—
	Calibration Points	2 points	—
	pH Buffer Options	4.01/7.00/10.01	—
Conductivity	Range	—	0~20.00, 200.0, 2000μS/cm, 20.00mS/cm
	Resolution	—	0.01, 0.1, 1
	Accuracy	—	±1% F.S.
	Calibration Points	—	1 to 3 points
	Calibration Solutions	—	84μS/cm, 1413μS/cm, 12.88mS/cm
Temperature	Range	0~60°C	0~60°C/32~140°F
	Resolution	1°C	0.1°C/0.1°F
	Accuracy	±1°C	±1°C/±1.8°F
	Offset Calibration	—	1 point, reading ±10°C
General	Temperature Compensation	0~60°C, automatic	
	Temperature Coefficient	—	2%/°C
	Reference Temperature	—	25°C
	Cell Constant	—	K=1
	Hold Function	Manual	Manual or auto-endpoint
	Auto-Off	8 minutes after last key pressed	
	Operating Temperature	0~50°C	
	Display	Three-lines LCD (21× 25mm)	
	Power Requirements	3×1.5V LR44 micro alkaline batteries	2×1.5V AAA batteries
	Dimensions	185 (L)× 40 (Dia.)mm	
	Weight	100g	



PE-10 pocket pH/conductivity meter

Technical Features

Most pocket instruments can not display PH and conductivity at the same time, because the circuit will interfere and the value is unstable, so the screen is usually used to switch. Operation requires frequent keystrokes, which affects the user experience.

PE-10 physically splices two independent PH and conductivity circuits together with dual power supply, which is completely two sets of circuits in principle, equivalent to two instruments displaying values on the same screen.

PE-10 market value is very good!

Conductivity electrode

In the market, the pocket type conductivity meter mainly uses stainless steel electrodes. The conductivity sensor of PE-10 uses two pieces of 4*4mm platinum sheets, which strictly meets to the accuracy of the product.

Platinum electrode, quality assurance!



Packaging Features

Using PU hard case packaging that with carrying handle, easy to carry.

DDS-12D Benchtop Conductivity Meter

Measurement Parameters

Conductivity, temperature

Features

- 1 to 3 points calibration with automatic recognition for conductivity standards.
- Selectable cell constant and temperature coefficient.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Auto-Read function senses and locks the measurement endpoint.
- Setup menu allows setting the number of calibration points, temperature unit, etc.
- Reset function automatically resumes all settings back to the factory defaults.

Accessories



conductivity electrode
with temperature



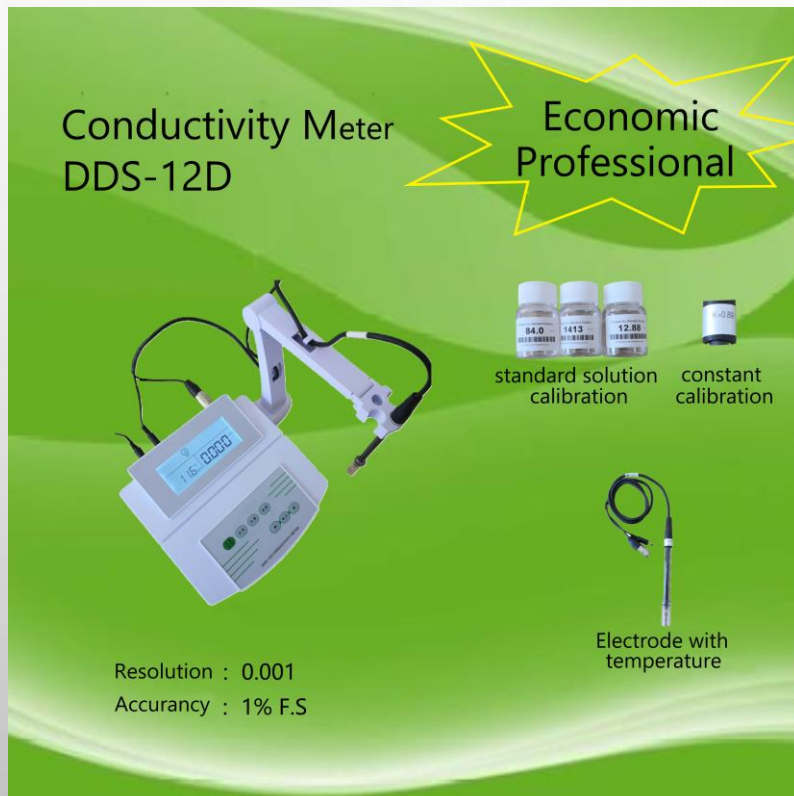
Conductivity Solution
84μS/cm, 1413ms/cm, 12.88ms/cm



DC9V power adapter

Specifications		DDS-12D
Conductivity	Range	0.01 to 20.00, 200.0, 2000μS/cm, 20.00, 200.0mS/cm
	Resolution	0.001, 0.01, 0.1, 1
	Accuracy	±1% F.S.
	Calibration Points	1 to 3 points
	Calibration Solutions	10μS, 84μS, 1413μS, 12.88mS, 111.8mS
Temperature	Range	0 to 105°C/32 to 221°F
	Resolution	0.1°C/0.1°F
	Accuracy	±1°C/±1.8°F
	Offset Calibration	1 point
	Calibration Range	Reading ±10°C
General	Temperature Compensation	0 to 100°C/32 to 212°F, manual or automatic
	Temperature Coefficient	Linear (0.0 to 10.0%/°C)
	Reference Temperature	25°C
	Cell Constant	K=0.1, 1, 10 or custom
	Hold Function	Manual or auto-endpoint
	Connector	3-pin DIN, 3.5mm jack socket
	Display	Custom LCD (120×60mm)
	Power	DC9V, using AC adapter, 220V/50Hz
	Dimensions	210(L)×205(W)×75(H)mm
	Weight	1.5kg

Why is DDS-12D a professional instrument?



★ DDS-12D has two calibration modes.

The first one: the electrode constant calibration. The K value is marked on the top of each electrode rod. The second one: the standard solution calibration. Because the electrode will be polluted after a period of use, that changes the electrode constant value. So the meter needs to be calibrated by the standard solution.

For professional users, regular calibration is essential.

★ Resolution: 0.001, Accuracy: 1% F.S, that can meet the requirements of most professional users.

Bante920 Benchtop pH Meter

Measurement Parameters

Conductivity, TDS, salinity, resistivity, temperature

pH Features

- 1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers
- Automatic electrode diagnosis shows the pH slope and offset
- Automatic temperature compensation ensures accurate readings over the entire range
- Calibration due alarm prompts user to calibrate the meter regularly

ORP Features

- 1 point offset calibration allows adjusting the displayed value to a known standard
- Relative and absolute millivolt modes ensure the reliable ORP measurements

General Features

- Auto-Read function senses and locks the measurement endpoint
- Setup menu allows setting the pH buffer set, number of calibration points, resolution, stability criteria, temperature unit, date and time, etc.
- Reset function automatically resumes all settings back to the factory defaults
- Expanded memory stores or recalls up to 500 data sets
- USB communication interface for data transfer and timed interval readings
- Connected to thermal printer, no need to install software, direct printing of measured values, English language

Accessories

E201-BNC pH electrode, TP-10K temperature probe, pH4.01/7.00/10.01 buffer sachets, USB cable, DC5V power adapter

Specifications		BANTE920
pH	Range	-2.000 to 20.000pH
	Resolution	0.001, 0.01, 0.1pH, selectable
	Accuracy	±0.002pH
	Calibration Points	1 to 5 points
	pH Buffer Options	USA, NIST, DIN, 2 custom buffers
ORP	Range	±1999.9mV
	Resolution	0.1, 1mV, selectable
	Accuracy	±0.2mV
	Calibration Points	1 point
	Measurement Modes	Relative or absolute mV
Temperature	Range	0 to 105°C/32 to 221°F
	Resolution	0.1°C/0.1°F
	Accuracy	±0.5°C/±0.9°F
	Offset Calibration	1 point
	Calibration Range	Reading ±10°C
General	Temperature Compensation	0 to 100°C/32 to 212°F, manual or automatic
	Stability Criteria	Low or high
	Calibration Due Alarm	1 to 31 days or off
	Memory	Stores up to 500 data sets
	Output	USB communication interface
	Connector	BNC, 3.5mm jack socket
	Display	Custom LCD (125×100mm)
	Power	DC5V, using AC adapter, 220V/50Hz
	Dimensions	210(L)×188(W)×60(H)mm
	Weight	1.5kg

Bante950 Benchtop Conductivity Meter

Measurement Parameters

Conductivity, TDS, salinity, resistivity, temperature

Features

- 1 to 5 points calibration with automatic recognition for conductivity standards
- Automatic electrode diagnosis shows the calibration points and factors
- Selectable cell constant, reference temperature, TDS factor, linear and pure water compensations, seawater and practical salinity measurement modes
- Automatic temperature compensation ensures accurate readings over the entire range
- Auto-Read function senses and locks the measurement endpoint
- Calibration due alarm prompts user to calibrate the meter regularly
- Setup menu allows setting the number of calibration points, stability criteria, temperature unit, date and time, etc.
- Reset function automatically resumes all settings back to the factory defaults
- Expanded memory stores or recalls up to 500 data sets
- USB communication interface for data transfer and timed interval readings
- Connected to thermal printer, no need to install software, direct printing of measured values, English language

Accessories

CON-1 conductivity electrode, TP-10K temperature probe, Conductivity standards 84 μ S/cm, 1413 μ S/cm, 12.88mS/cm, USB cable, DC5V power adapter

Specifications		BANTE950
Conductivity	Range	0.01 to 20.00, 200.0, 2000 μ S/cm, 20.00, 200.0mS/cm
	Resolution	0.001, 0.01, 0.1, 1
	Accuracy	$\pm 0.5\%$ F.S.
	Calibration Points	1 to 5 points
	Calibration Solutions	10 μ S, 84 μ S, 1413 μ S, 12.88mS, 111.8mS
TDS	Range	0~10.00, 100.0, 1000ppm, 10.00, 200.0ppt
	Resolution	0.01, 0.1, 1
	Accuracy	$\pm 1\%$ F.S.
	TDS Factor	0.1~1.0 (default 0.5)
Salinity	Range	0.00~42.00psu, 0.00~80.00ppt
	Resolution	0.01
	Accuracy	$\pm 1\%$ F.S.
Resistivity	Range	0.00~20.00M Ω
	Resolution	0.01
	Accuracy	$\pm 1\%$ F.S.
Temperature	Range	0 to 105°C/32 to 221°F
	Resolution	0.1°C/0.1°F
	Accuracy	$\pm 0.5^\circ\text{C}/\pm 0.9^\circ\text{F}$
	Offset Calibration	1 point, reading $\pm 10^\circ\text{C}$
General	Temperature Compensation	0 to 100°C/32 to 212°F, manual or automatic
	Temperature Coefficient	Linear (0.0 to 10.0%/°C), pure water
	Reference Temperature	20/25°C
	Cell Constant	K=0.1, 1, 10 or custom
	Stability Criteria	Low or high
	Calibration Due Alarm	1 to 31 days or off
	Calibration Factor Display	Yes
	Hold Function	Manual or auto-endpoint
	Memory	500 data sets
	Communication Interface	USB
	Connector	6-pin nimi-DIN, 3.5mm jack socket
	Display	Custom LCD (120×60mm)
	Power	DC5V power adapter
	Dimensions	210(L)×188(W)×60(H)mm
	Weight	1.5kg

New Function: Print the measured values by the thermal printer

HIGH-ACCURACY pH METER & THERMAL PRINTER

- DON'T need to install software
- Print measured values directly

LOW PRICE

- ✦ pH
- ✦ ORP
- ✦ TEMP



HIGH-ACCURACY CONDUCTIVITY & THERMAL PRINTER

- DON'T need to install software
- Print measured values directly

LOW PRICE

- ✦ TDS
- ✦ SALINITY
- ✦ RESISTIVITY
- ✦ CONDUCTIVITY







Very few pH meters and conductivity meters have print function in the market, but the customers often have the print demand.

In the past, the instrument and printer were sold separately, and the price was high. Now they are sold in a combination, so the price is lower than before.






BANTE920, BANTE950 with printer have high accuracy, low price and easy to use.

★DON'T need to install software. ★Print measured values directly.

BENCHTOP CONDUCTIVITY METER INTRODUCTION

MODEL	DDS-12D	DDS-12DW	BANTE510	BANTE950	A150
Photo					
Measurement Parameters	• Conductivity	• Conductivity	• Conductivity• TDS	• Conductivity • TDS • Salinity	• Conductivity • TDS • Salinity • Conductivity Ash
Conductivity Accuracy	± 1% F.S.	± 1% F.S.	± 1% F.S.	± 0.5% F.S.	± 0.5% F.S.
Calibration Points	1 to 3 points	1 to 3 points	1 to 3 points	1 to 5 points	1 to 3 points
Calibration Solutions	10μS/cm, 84μS/cm, 1413μS/cm, 12.88mS/cm, 111.8mS/cm				
Display	100*50mm LCD	120*60mm LCD	120*60mm LCD	125*100mm LCD	7" TFT LCD
Additional Features	NO	6 additional functions such as Reset back to the factory defaults etc.	7 additional functions such as Setup menu etc.	11 additional functions such as USB communication etc.	17 additional functions such as password protection etc.
Electrode	• Conductivity electrode with temperature resistance	• Conductivity electrode • temperature probe	• Conductivity electrode • temperature probe	• Conductivity electrode • temperature probe	• Conductivity electrode • temperature probe
Price	VERY LOW	LOW	LOW	FAIR	FAIR

BENCHTOP pH METER INTRODUCTION

型号	PHS-25CW	PHS-3BW	BANTE210	BANTE920	A120
Photo					
Measurement Parameters	<ul style="list-style-type: none"> • pH • mV 	<ul style="list-style-type: none"> • pH • mV • Temperature 	<ul style="list-style-type: none"> • pH • mV • Temperature 	<ul style="list-style-type: none"> • pH • ORP • Temperature 	<ul style="list-style-type: none"> • pH • ORP • Temperature
pH Accuracy	±0.05pH	±0.01pH	±0.01pH	±0.002pH	±0.002pH
Calibration Points	2 points	2 points	1 to 3 points	1 to 5 points	1 to 5 points
Calibration Solutions	USA, NIST	USA, NIST	USA, NIST	USA, NIST, DIN, 2 custom buffers	USA, NIST, DIN, 5 2 custom buffers
temperature compensation	Manual	Automatic	Automatic	Automatic	Automatic
Display	100*50mm LCD	100*50mm LCD	120*60mm LCD	125*100mm LCD	7" TFT LCD
Additional Features	3 additional functions such as choose USA and NIST buffers etc.	3 additional functions such as choose USA and NIST buffers etc.	7 additional functions such as Setup menu etc.	11 additional functions such as USB communication etc.	17 additional functions such as password protection etc.
Electrode	<ul style="list-style-type: none"> • pH electrode 	<ul style="list-style-type: none"> • pH electrode • temperature probe 	<ul style="list-style-type: none"> • pH electrode • temperature probe 	<ul style="list-style-type: none"> • pH electrode • temperature probe 	<ul style="list-style-type: none"> • pH electrode • temperature probe
Price	Very low	Low	Low	Fair	Fair

For high precision products, please choose color-screen meters.





THE END