I 、 Color Touchscreen portable tester

- pH meter **ORP** meter ION meter . Water Hardness meter Conductivity meter . Dissolved Oxygen meter . pH/ORP/ION/conductivity meter pH/ORP/ION/conductivity/DO meter **II**, Multi-channel portable tester pH/conductivity meter •
- High and low value alerts; BANTE40 Password protection; BANTE50 Data transfer to a computer or printer. BANTE60 3. Color touch screen; Can connect WIFI and Bluetooth; BANTE70 GPS positioning ; Photograph; Email measurement data. BANTE90 Feature: M851 · Economical and widely used, pH/conductivity/DO meter M852 M852 is suitable for freshwater aquaculture; pH/Salinity/DO meter M853 **III**、 Benchtop pH tester M853 is suitable for mariculture. pH meter with stirring PHS-500C • The instrument can display two or three parameters at the same time, pH/conductivity meter PE-20 saving operation time and improving work efficiency.

Feature:

BANTE10

BANTE20

BANTE30

1. High instrument accuracy.

2. Multiple additional functions: Continuous measurement or interval;

Calibration due reminder;

· Simple instrument operation with few additional functions.

Color Touchscreen portable tester

Portable series	Ordering Code	Parameters	Descriptions	Tester Includes
	Bante10	pH ∘C/ºF	 Range: -2.000 ~ 20.000 pH Accuracy: ±0.002 pH 1 to 5 points calibration, setup menu contains 14 options WIFI, Bluetooth, GSM GPS Email Real-time Measurement data 5.5HD,1280×720, IPS Display 	 P14 pH electrode (Made in UK) temperature sensor Standard solutions 4.01, 7.00, 10.01 Carrying case
	Bante20	Absolute mV Relative mV	 Range: ±2000 mV Accuracy: ±0.2 mV 1 point calibration, setup menu contains 11 options WIFI, Bluetooth, GSM GPS Email Real-time Measurement data 5.5HD,1280×720, IPS Display 	 ORP electrode temperature sensor Solution storage bottles Carrying case
	Bante30	lon	 Range: 0.001 to 30000 (depending on the range of ISE) Accuracy: ±0.5% F.S. (monovalent), ±1% F.S. (divalent) 2 to 5 points calibration, setup menu contains 14 options ISE Options: NH4, Br, Ca, CL, CN, F, NO3, Ag, Na, Cd, Cu, I, Pb, K, S WIFI, Bluetooth, GSM GPS Email Real-time Measurement data 5.5HD,1280×720, IPS Display 	 Ion selective electrode (Made in UK) temperature sensor Standard solutions 100, 1000 ppm Carrying case <i>No CN</i> Ion standard solutions
	Bante40	Water hardness	 Range: 0.05 ~ 200 mmol/L Accuracy: ±1% F.S. 2 to 5 points calibration, setup menu contains 14 options WIFI, Bluetooth, GSM GPS Email Real-time Measurement data 5.5HD,1280×720, IPS Display 	 ISE-WH Water hardness electrode (Made in UK) temperature sensor Standard solutions 10, 100 mmol/L Carrying case

Portable series	Ordering Code	Parameters	Descriptions	Tester Includes
	Bante50	Conductivity TDS Salinity Resistivity Conductivity Ash °C/°F	 Range: depending on Cell Constant With CON-1: 0 ~ 20.00, 2000, 2000 μS/cm, 20.00 mS/cm With CON-10: 0 ~ 200.0, 2000 μS/cm, 20.00, 200.0 mS/cm Accuracy: ±0.5% F.S 1 to 3 points calibration, setup menu contains 17 options WIFI, Bluetooth, GSM, GPS Email Real-time Measurement data 5.5HD,1280×720, IPS Display 	 CON-1-10K conductivity electrode Standard solutions 84 μS/cm, 1413 μS/cm, 12.88 mS/cm Carrying case
	Bante60	Dissolved Oxygen BOD OUR SOUR °C/°F	 Range: 0 ~ 20.00 mg/L, 0 ~ 200.0% Saturation of Oxygen Accuracy: ±0.2 mg/L, ±2.0% 1 or 2 points calibration, setup menu contains 15 options WIFI, Bluetooth, GSM GPS Email Real-time Measurement data 5.5HD,1280×720, IPS Display 	 DO100 dissolved oxygen electrode (Made in UK) DO electrolyte solution DO membrane cap Carrying case
	Bante70	pH °C/°F Absolute mV Relative mV Ion Water Hardness Conductivity TDS Salinity Resistivity Conductviity Ash	 Two channels meter: Channel 1: pH ORP Ion Water hardness Channel 2: Conductivity TDS Salinity Resistivity Conductivity Ash pH: Range: -2.000 ~ 20.000 pH, Accuracy: ±0.002 pH 1 to 5 points calibration, setup menu contains 14 options ORP: Range: ±2000 mV, Accuracy: ±0.2 mV 1 point calibration, setup menu contains 11 options Ion: Range: 0.001 to 30000 (depending on the range of ISE) Accuracy: ±1% F.S. 2 to 5 points calibration, setup menu contains 14 options ISE Options: NH4, Br, Ca, CL, CN, F, NO3, Ag, Na, Cd, Cu, I, Pb, K, S Water hardness: Range: 0.05 ~ 200 mmol/L, Accuracy: ±1% F.S. 2 to 5 points calibration, setup menu contains 14 options Conductivity : Range: depending on Cell Constant With CON-1: 0 ~ 20.00, 2000 µS/cm, 20.00 mS/cm With CON-10: 0 ~ 200.0, 2000 µS/cm, 20.00 mS/cm 4 Accuracy: ±0.5% F.S 1 to 3 points calibration, setup menu contains 17 options 	 pH electrode (Made in UK) temperature sensor Standard solutions 4.01, 7.00, 10.01 CON-1-10K conductivity electrode Standard solutions 84μS/cm, 1413μS/cm, 12.88mS/cm Carrying case

Portable series Orderin	ng Code Parameters	Descriptions	Tester Includes
Image: Contract of the second seco	pH °C/°F mV Absolute mV Relative mV Ion Water Hardness Conductivity TDS Salinity Resistivity Conductivity Ash Dissolved Oxygen BOD OUR SOUR	Three channels meter: • Channel 1: pH ORP Ion Water hardness • Channel 2: Conductivity TDS Salinity Resistivity Conductivity Ash • Channel 3: Dissolved Oxygen BOD OUR SOUR pH: • Range: -2.000 ~ 20.000 pH • Accuracy: ±0.002 pH • 1 to 5 points calibration, setup menu contains 14 options ORP: • Range: ±2000 mV • Accuracy: ±0.2 mV • Accuracy: ±0.2 mV • 1 point calibration, setup menu contains 11 options Ion: • Range: 0.001 to 30000 (depending on the range of ISE) • Accuracy: ±1% F.S. • 2 to 5 points calibration, setup menu contains 14 options ISE Options: NH4, Br, Ca, CL, CN, F, NO3, Ag, Na, Cd, Cu, I, Pb, K, S Water hardness: • Range: 0.05 ~ 200mmol/L • Accuracy: ±1% F.S. • 2 to 5 points calibration, setup menu contains 14 options Conductivity : • Range: depending on Cell Constant With CON-1: 0 ~ 20.00, 2000 µS/cm, 20.00mS/cm With CON-1: 0 ~ 20.00, 2000 µS/cm, 20.00mS/cm • Mith CON-1: 0 ~ 20.00, 2000 µS/cm, 20.00mS/cm • 1 to 3 points calibration, setup menu contains 17 options Dissolved Oxygen: •	 P14 pH electrode (Made in UK) temperature sensor Standard solutions 4.01, 7.00, 10.01 Carrying case

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Multi-channel portable tester

Portable series	Ordering Code	Parameters	Descriptions	Tester Includes
ere do 300 ° ere do 00000 ° fortable meter ph & Conductivity	M851	pH °C/ºF Conductivity TDS Salinity	 pH Range: -1.00 ~ 15.00 pH, Accuracy: ± 0.01 pH mV Range: -999 ~ +999 mV, Accuracy: ±1 mV 1 to 3 points calibration, automatic temperature compensation, auto-read measurement endpoint, auto-power off, selectable pH buffer group and temperature unit Range: Conductivity: 0 ~ 20.00, 200.0, 2000µS/cm, 20.00mS/cm TDS: 0 ~ 10.00, 100.0, 1000 ppm, max. 20.00ppt Salinity: 0 ~ 10.00ppt Accuracy: ± 1% F.S. Multi-range tester, 1 to 3 points calibration, automatic temperature compensation, auto-read measurement endpoint, auto-power off, selectable TDS factor and temperature unit 	 E201-10K pH sensor pH buffer solutions 4.01, 7.00, 10.01 CON-1-10K conductivity sensor Conductivity standard solutions : 84μS/cm, 1413μS/cm, 12.88mS/cm Carrying case
	M852	pH °C/ºF Conductivity	 pH Range: -1.00 ~ 15.00 pH, Accuracy: ± 0.01 pH mV Range: -999 ~ +999 mV, Accuracy: ±1 mV M852: Conductivity: 0 ~ 20.00, 200.0, 2000µS/cm, 20.00mS/cm TDS: 0 ~ 10.00, 100.0, 1000 ppm, max. 20.00ppt Salinity: 0 ~ 10.00ppt M853: Conductivity: 0 ~ 200.0, 2000µS/cm, 20,00, 200.0mS/cm Salinity: 0 ~ 80.00ppt 	 E201-10K pH sensor pH buffer solutions 4.01, 7.00, 10.01 CON-1-10K conductivity sensor Conductivity standard solutions : 84μS/cm, 1413μS/cm, 12.88mS/cm DO100 dissolved oxygen electrode Electrolyte solution Membrane cap Carrying case
4 250° 00000 # 4 550° 0000 # 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(TDS Salinity DO	 Accuracy: ± 1% F.S. DO Range: 0 ~ 20.0 mg/L, 0 ~ 200% saturation DO Accuracy: ± 0.5 mg/L, ± 2.0% 1 or 2 points calibration, automatic temperature compensation, auto-read measurement endpoint, auto-power off, selectable temperature unit, salinity and barometric pressure coefficients 	 E201-10K pH sensor pH buffer solutions 4.01, 7.00, 10.01 CON-10-10K conductivity sensor Conductivity standard solutions : 1413µS/cm, 12.88mS/cm, 11.8mS/cm DO100 dissolved oxygen electrode Electrolyte solution Membrane cap Carrying case

pH tester with stirring

Benchtop series	Ordering Code	Parameters	Descriptions	Tester Includes
	PHS-500C	pH mV ∘C	 pH tester with stirring pH Range: 0~14.00pH, Accuracy: ± 0.01 pH mV Range: -1999~1999mV, Accuracy: ±1mV Maximum stirring volume: 2000mL Stirring speed: 0~1250rpm Timer range: 0~999min Plate material: ceramics 	 E201-10K pH sensor sensor holder pH buffer solutions 4.01, 7.00, 10.01 Stir bar

Double-channel Benchtop tester

Benchtop series	Ordering Code	Parameters	Descriptions	Tester Includes
	PE-20	pH mV conductivity TDS ∘C/∘F	 Double-channel Benchtop tester pH Range: -1.00 ~ 15.00 pH, Accuracy: ± 0.01 pH mV Range: -1999~1999mV, Accuracy: ±1mV Range: Conductivity: 0 ~ 20.00, 200.0, 2000µS/cm, 20.00mS/cm TDS: 0 ~ 10.00, 100.0, 1000 ppm, max. 20.00ppt Accuracy: ± 1% F.S. 1 to 3 points calibration, automatic temperature compensation, auto-read measurement endpoint, selectable pH buffer group and temperature unit, selectable TDS factor 	 E201-10K pH sensor pH buffer solutions 4.01, 7.00, 10.01 CON-1-10K conductivity sensor Conductivity standard solutions : 84μS/cm, 1413μS/cm, 12.88mS/cm 9V DC power adapter

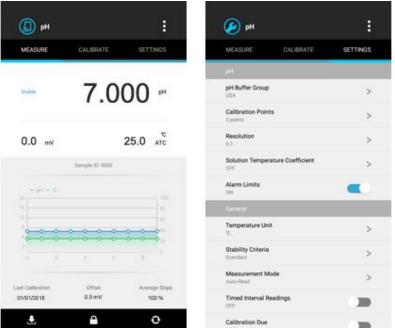
Bante10 Portable pH meter

Bante10 High-performance pH meter based on Android, 1 to 5 points calibration, setup menu contains 14 options, accuracy: 0.002 pH.



Features:

- 1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers.
- Solution temperature coefficient compensates for the pure water samples and references the pH to 25°C.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Auto-Read function senses and locks the measurement endpoint.
- Timed Interval Readings sends the measurement data to the memory or printer.
- Limit Alarm automatically alerts when measurement exceeds the specified range.
- Calibration due alarm prompts user to calibrate the tester regularly.
- Calibration log shows the date, time, calibration points, offset and pH slope.
- Password protection prevents the unauthorized calibration and settings.
- Reset function automatically resumes all settings back to the factory defaults
- WIFI, Bluetooth, GSM
- GPS
- Email Real-time Measurement data
- 5.5HD,1280×720, IPS Display



Include: P14 pH electrode (Made in UK), temperature sensor, Standard solutions 4.01, 7.00, 10.01, Carrying case.

Model	Bante10
рН	Buildero
Range	-2.000~20.000pH
Resolution	0.001/0.01/0.1pH, Selectable
	±0.002pH
Accuracy Calibration Points	1 to 5 points
pH Buffer Options	USA/NIST/DIN/5 custom buffers
mV	USA/NIST/DIN/S custom bullers
	-2000.0~2000mV
Range Resolution	0.1/1mV, Selectable
	±0.2mV
Accuracy	±0.2111V
Other Specifications Temperature	0 100%C /22 212%E substration
	0~100°C/32~212°F, automatic
Stability Criteria	Fast / Standard / Slow
Measurement Modes Timed Interval	Continuous / Auto-read measurement endpoint
	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
Data Transfer	Memory / Printer
Password Protection	6 digits
CPU	Mt6580
Architecture	ARM Cortex- A7 quad core 1.3 GHz
System	Android8.1.0
Memory	8GB ROM+1GB RAM
Display	5.5HD,1280×720 IPS
Camera	5 megapixels + Auto focus
WIFI	2.4Ghz,SupportIEEE802.11 a/b/g/n
Communication	Support Unicom3G/2G, Mobile2G
Bluetooth	SupportBluetooth3.0/4.0, Support BLE
MIC	Support
SPK	Support
Кеу	Power button(lock screen button)+volume plus/minus button
Connector	BNC, 3.5mmjack socket; Type-C USB; Support OTG
Power adapter	5V/2A
Barcode recognition	Rearcamerascanning,support1D/2D barcode scanning reading
SIM	Support
TF/SD	≤64G
PASM	Support
Connectivity	WIFI、GPS、Bluetooth、GSM
Power Supply	Removablelithiumbattery, 3.7V/5000mAh
Dimensions	211×87×60.5mm
Weight	500G (include battery)

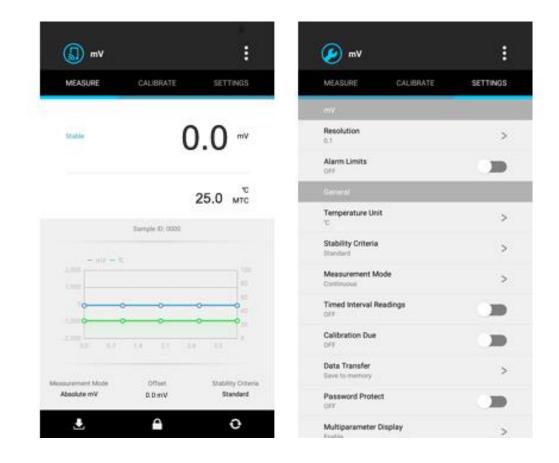
Bante20 Portable ORP meter

Bante20 High-performance ORP meter based on Android, 1 point calibration, setup menu contains 10 options, accuracy: 0.2 mV.



Features:

- High-performance ORP meter is suitable for measuring the mV and relative mV.
- 1 point offset calibration allows adjusting the displayed value to a known standard.
- Auto-Read function senses and locks the measurement endpoint.
- Timed Interval Readings sends the measurement data to the memory or printer.
- Limit Alarm automatically alerts when reading exceeds the specified range.
- Calibration due alarm prompts user to calibrate the tester regularly.
- Calibration log shows the date, time and offset.
- Password protection prevents the unauthorized calibration and settings.
- Reset function automatically resumes all settings back to the factory defaults
- WIFI, Bluetooth, GSM
- GPS
- Email Real-time Measurement data
- 5.5HD,1280×720, IPS Display



Include: ORP electrode, temperature sensor, Solution storage bottles, Carrying case.

ecifications	
Model	Bante20
ORP	
Range	±2000.0mV
Resolution	0.1/1mV, Selectable
Accuracy	±0.2mV
Calibration Points	1 point
Measurement Modes	Relative / Absolute mV
Other Specifications	
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
Data Transfer	Memory / Printer
Password Protection	6 digits
CPU	Mt6580
Architecture	ARM Cortex- A7 quad core 1.3 GHz
System	Android8.1.0
Memory	8GB ROM+1GB RAM
Display	5.5HD,1280×720 IPS
Camera	5 megapixels + Auto focus
WIFI	2.4Ghz,SupportIEEE802.11 a/b/g/n
Communication	Support Unicom3G/2G, Mobile2G
Bluetooth	SupportBluetooth3.0/4.0, Support BLE
MIC	Support
SPK	Support
Кеу	Power button(lock screen button)+volume plus/minus button
Connector	BNC, 3.5mmjack socket; Type-C USB; Support OTG
Power adapter	5V/2A
Barcode recognition	Rearcamerascanning,support1D/2D barcode scanning reading
SIM	Support
TF/SD	≤64G
PASM	Support
Connectivity	WIFI、GPS、Bluetooth、GSM
Power Supply Dimensions	Removablelithiumbattery, 3.7V/5000mAh
	211×87×60.5mm
Weight	500G (include battery)

Bante30 Portable Ion meter

Bante30 High-performance ion meter based on Android, 2 to 5 points calibration, contains 5 ion concentration measurement methods.



Features:

- High-performance ion meter contains 5 ion concentration measurement methods.
- Selectable ion concentration units, including the ppm, mg/L, mol/L and mmol/L.
- 2 to 5 points calibration, providing the 8 concentration points can be selected.
- Electrode management is capable of storing and recalling up to 3 electrode slopes.
- Manual temperature compensation eliminates the error caused by temperature deviation.
- Auto-Read function senses and locks the measurement endpoint.
- Timed Interval Readings sends the measurement data to the memory or printer.
- Limit Alarm automatically alerts when reading exceeds the specified range.
- Calibration due alarm prompts user to calibrate the tester regularly.
- Calibration log shows the date, time, calibration points and slope.
- Password protection prevents the unauthorized calibration and settings.
- Reset function automatically resumes all settings back to the factory defaults.
- WIFI, Bluetooth, GSM
- GPS
- Email Real-time Measurement data
- 5.5HD,1280×720, IPS Display

lon 🕼	1	Ion - Chloride(Cl)	1
MEASURE CAL	BRATE SETTINGS	MEASURE CAUBRATE	SETTINGS
		100 /	
titable	1000 🗝	Electrode Type	>
		Measurement Mode Orest Reading	>
60.0 mv	25.0 MTC	Concentration Unit	>
Samp	e 10: 0000	Calibration Points 2 points	>
- 104 - 7		Alarm Limits	
34.000		General	
- 11.000 - 11.000		Temperature Unit	>
0 10 10	ó.	Stability Criteria Standard	>
Last Calibration Avera	ge Slape Method	Measurement Mode Commone	>
	7 mV Direct Reading	Timed Interval Readings	
	• •	Calibration Due	-

Include: Ion selective electrode, temperature sensor, Standard solutions 100, 1000 ppm, Ionic strength adjuster, Carrying case.

ISE Options: NH4, Br, Ca, CL, CN, F, NO3, Ag, Na, Cd, Cu, I, Pb, K, S No CN Ion standard solutions.

Model	Bante30
lon	
Range	0.001~30000 (depending on the range of ISE)
Resolution	0.001, 0.01, 0.1, 1, automatic
Accuracy	±0.5% F.S. (monovalent), ±1% F.S. (divalent)
Calibration Points	2 to 5 points
Calibration Solutions	0.001/0.01/0.1/1/10/100/1000/10000
Measurement Units	ppm, mg/L, mol/L, mmol/L
Measurement Methods	Direct reading, known addition, known Direct reading, subtraction, sample addition, sample subtraction
Electrode Management	1 to 3
mV	
Range	±2000.0mV
Resolution	0.1/1mV, Selectable
Accuracy	±0.2mV
Other Specifications	
Temperature Compensation	0~100°C/32~212°F, automatic
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
Data Transfer	Memory / Printer
Password Protection	6 digits
CPU	Mt6580
Architecture	ARM Cortex- A7 quad core 1.3 GHz
System	Android8.1.0
Memory	8GB ROM+1GB RAM
Display	5.5HD,1280×720 IPS
Camera	5 megapixels + Autofocus
WIFI	2.4Ghz,SupportIEEE802.11 a/b/g/n
Communication	Support Unicom3G/2G, Mobile2G
Bluetooth	SupportBluetooth3.0/4.0, Support BLE
MIC	Support
SPK	Support
Кеу	Power button(lock screen button) + volume plus/minus button
Connector	BNC, 3.5mmjack socket; Type-C USB; Support OTG
Power adapter	5V/2A
Barcode recognition	Rearcamerascanning,support1D/2D barcode scanning reading
SIM	Support
TF/SD	≤64G
PASM	Support
Connectivity	WIFI、GPS、Bluetooth、GSM
Power Supply	Removablelithiumbattery, 3.7V/5000mAh
Dimensions	211×87×60.5mm
	500G (include battery)

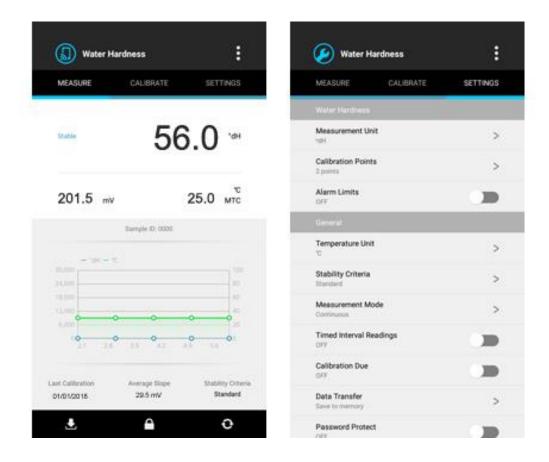
Bante40 Portable Water Hardness meter

Bante40 High-performance water hardness meter based on Android, 2 to 5 points calibration, setup menu contains 12 options, accuracy: 1% F.S.



Features:

- High-performance water hardness meter is supplied with a solid state sensor.
- 2 to 5 points calibration, providing the 5 concentration points can be selected.
- Selectable water hardness units, including the German degree (°dH), English degree (°e), French degree (°fH), gpg, mg/L and mmol/L.
- Manual temperature compensation eliminates the error caused by temperature deviation.
- Auto-Read function senses and locks the measurement endpoint.
- Timed Interval Readings sends the measurement data to the memory or printer.
- Limit Alarm automatically alerts when reading exceeds the specified range.
- Calibration due alarm prompts user to calibrate the tester regularly.
- Calibration log shows the date, time, calibration points and slope.
- Password protection prevents the unauthorized calibration and settings.
- Reset function automatically resumes all settings back to the factory defaults.
- WIFI, Bluetooth, GSM
- GPS
- Email Real-time Measurement data
- 5.5HD,1280×720, IPS Display



Include: ISE-WH Water hardness electrode, temperature sensor, Standard solutions 10, 100mmol/L, Carrying case.

Specifications	
Model	Bante40
Water Hardness	
Range (Concentration)	0.05~200mmol/L
Range (German Degree)	0~1122°dH
Range (English Degree)	0~1404°e
Range (French Degree)	0~2000°fH
Range (GPG)	0~1170gpg
Range (CaCO ₃)	0~20000mg/L
Range (CaO)	0~11220mg/L
Range (Ca ²⁺)	0~8020mg/L
Resolution	0.001, 0.01, 0.1, 1, automatic
Accuracy	±1% F.S.
Calibration Points	2 to 5 points
Calibration Solutions	0.01/0.1/1/10/100mmol/L
mV	
Range	±2000.0mV
Resolution	0.1/1mV, Selectable
Accuracy	±0.2mV
Other Specifications	
Temperature Compensation	0~100°C/32~212°F, manual
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
Data Transfer	Memory / Printer
Password Protection	6 digits
CPU	Mt6580
Architecture	ARM Cortex- A7 quad core 1.3 GHz
System	Android8.1.0
Memory	8GB ROM+1GB RAM
Display	5.5HD,1280×720 IPS
Camera	5 megapixels + Autofocus
WIFI	2.4Ghz,SupportIEEE802.11 a/b/g/n
Communication	Support Unicom3G/2G, Mobile2G
Bluetooth	SupportBluetooth3.0/4.0, Support BLE
MIC	Support
SPK	Support
Кеу	Power button(lock screen button) + volume plus/minus button
Connector	BNC, 3.5mmjack socket; Type-C USB; Support OTG
Power adapter	5V/2A
Barcode recognition	Rearcamerascanning,support1D/2D barcode scanning reading
SIM	Support
TF/SD	≤64G
PASM	Support
Connectivity	WIFI、GPS、Bluetooth、GSM
Power Supply	Removablelithiumbattery,3.7V/5000mAh
Dimensions	211×87×60.5mm
Weight	500G (include battery)

Bante50 Portable Conductivity meter

High-performance conductivity meter based on Android, contains the conductivity, TDS, salinity, resistivity and conductivity ash measurement modes, accuracy: 0.5% F.S.



Features:

- High-performance conductivity meter is equipped with a platinum-cell electrode.
- 1 to 3 points calibration with automatic recognition for conductivity standards.
- Selectable cell constant, temperature compensation type, temperature compensation coefficient, pure water compensation coefficient, reference temperature and TDS factor.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Auto-Read function senses and locks the measurement endpoint.
- Timed Interval Readings sends the measurement data to the memory or printer.
- Limit Alarm automatically alerts when reading exceeds the specified range.
- Calibration due alarm prompts user to calibrate the tester regularly.
- Calibration log shows the date, time, calibration point and factor.
- Password protection prevents the unauthorized calibration and settings.
- Reset function automatically resumes all settings back to the factory defaults.
- WIFI, Bluetooth, GSM
- GPS
- Email Real-time Measurement data
- 5.5HD,1280×720, IPS Display

Conductivity	:	Conductivity	
MEASURE CALI	BRATE SETTINGS	MEASURE CAUBRATE	SETTINGS
	10 10	Conductivity	
Stable	413 #	Cell Constant 3-cell (0=1)	>
		Calibration Points	>
700.1 o	25.0 ATC	Temperature Compensation	>
Tample	10 0000	Temperature Coefficient	-
- phone - th		Pure Water Coefficient	
94.000 14.000	- 20	Reference Temperature	>
1.100 1.000		Alarm Limits	
10 0 14	0 <u>10 10</u> 10 01	General	
art Calibration Reference	Temperature Call Constant	Temperature Unit	>
	rC 2-oil (K+1)	Stability Criteria Thandard	>
	0	Measurement Mode	,

Model	Bante50
Conductivity	Danteso
Range	0.01~20.00, 200.0, 2000μS/cm, 20.00, 200.0mS/cm
Resolution	0.001, 0.01, 0.1, 1, automatic
Accuracy	±0.5% F.S.
Calibration Points	1 to 3 points
Calibration Solutions	84μS/1413μS/12.88mS/111.8mS
TDS	
Range	0~200.0g/L
Resolution	0.01, 0.1, 1, automatic
Accuracy	±1% F.S.
TDS Conversion Factor	0.01 to 1.00 (default 0.5)
Salinity	
Range (Practical Salinity)	0.00~42.00psu
Range (Natural Seawater)	0.00~80.00ppt
Range (%)	0.00~8.00%
Resolution	0.01
Accuracy	±1% F.S.
Resistivity	
Range	0.00~20.00ΜΩ
Resolution	0.01, 0.1, 1, automatic
Accuracy	±1% F.S.
Conductivity Ash	
Range	0~100%
Resolution	0.01, 0.1, 1, automatic
Accuracy	±1% F.S.
Measurement Modes	ICUMSA GS1 / GS2
Other Specifications	0 100%C/22 212%E sutematic
Temperature Compensation	0~100°C/32~212°F, automatic
Temperature Coefficient	Linear (0.0 to 10.0%/°C) / Non-linear / USP / EP Yes
Pure Water Compensation	20/25°C
Reference Temperature Cell Constant	K=0.1, 1, 10
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
Data Transfer	Memory / Printer
Password Protection	6 digits
CPU	Mt6580
Architecture	ARM Cortex- A7 quad core 1.3 GHz
System	Android8.1.0
Memory	8GB ROM+1GB RAM
Display	5.5HD,1280×720 IPS
Camera	5 megapixels + Autofocus
WIFI	2.4Ghz,SupportIEEE802.11 a/b/g/n
Communication	Support Unicom3G/2G, Mobile2G
Bluetooth	SupportBluetooth3.0/4.0, Support BLE
MIC	Support
SPK	Support
Key	Power button(lock screen button) + volume plus/minus button
Connector	BNC, 3.5mmjack socket; Type-C USB; Support OTG
Power adapter	5V/2A
Barcode recognition	Rearcamerascanning,support1D/2D barcode scanning reading
SIM	Support
TF/SD	≤64G
PASM	Support WIFI、GPS、Bluetooth、GSM
Connectivity Power Supply	Removablelithiumbattery,3.7V/5000mAh
Dimensions	211×87×60.5mm
Weight	500G (include battery)
weight	soos (menuce succes)

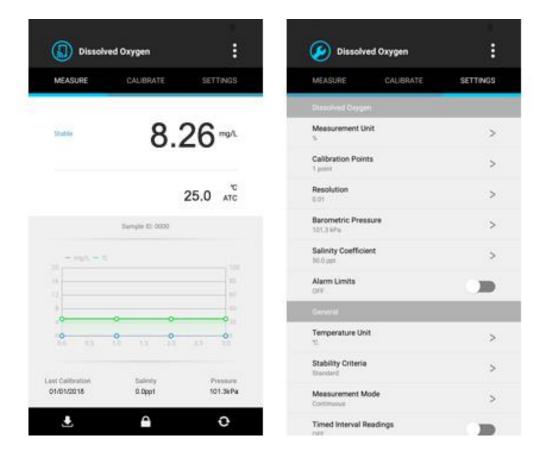
Bante60 Portable Dissolved Oxygen Meter

Bante60 High-performance dissolved oxygen meter based on Android, contains the BOD, OUR, SOUR measurement modes, accuracy: 0.2 mg/L.



Features:

- The dissolved oxygen meter is supplied with a polarographic electrode.
- 1 or 2 points calibration using the air-saturated water or zero oxygen solution.
- Salinity and barometric pressure compensations eliminate the measurement error.
- Selectable testing time, beginning/ending DO are used for OUR/SOUR calculations.
- Data management provides the detailed BOD information, including the time, temperature, initial and final DO.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Auto-Read function senses and locks the measurement endpoint.
- Limit Alarm automatically alerts when reading exceeds the specified range.
- Calibration due alarm prompts user to calibrate the tester regularly.
- Password protection prevents the unauthorized calibration and settings.
- Reset function automatically resumes all settings back to the factory defaults.
- WIFI, Bluetooth, GSM
- GPS
- Email Real-time Measurement data
- 5.5HD,1280×720, IPS Display



Include: DO100 dissolved oxygen electrode, DO electrolyte solution, DO membrane cap, Carrying case.

Model	Bante60
Dissolved Oxygen	Builleou
Range	0.00~20.00mg/L
Resolution	0.01/0.1mg/L, Selectable
Accuracy	±0.2mg/L
% Saturation of Oxygen	-
Range	0.0~200.0%
Resolution	0.1%
Accuracy	±2.0%
Other Specifications	
Calibration Points	1 or 2 points
Temperature	0~50°C/32~122°F, automatic
Pressure Correction	60.0~113.3kPa/450~850mmHg, manual
Salinity Correction	0.0~50.0g/L, manual
Additional Applications	BOD / OUR / SOUR
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
Data Transfer	Memory / Printer
Password Protection	6 digits
CPU	Mt6580
Architecture	ARM Cortex- A7 quad core 1.3 GHz
System	Android8.1.0
Memory	8GB ROM+1GB RAM
Display	5.5HD,1280×720 IPS
Camera	5 megapixels + Autofocus
WIFI	2.4Ghz,SupportIEEE802.11 a/b/g/n
Communication	Support Unicom3G/2G, Mobile2G
Bluetooth	SupportBluetooth3.0/4.0, Support BLE
MIC	Support
SPK	Support
Кеу	Power button(lock screen button) + volume plus/minus button
Connector	BNC, 3.5mmjack socket; Type-C USB; Support OTG
Power adapter	5V/2A
Barcode recognition	Rearcamerascanning,support1D/2D barcode scanning reading
SIM	Support
TF/SD	≤64G
PASM	Support
Connectivity	WIFI、GPS、Bluetooth、GSM
Power Supply	Removablelithiumbattery,3.7V/5000mAh
Dimensions	211×87×60.5mm
Weight	500G (include battery)

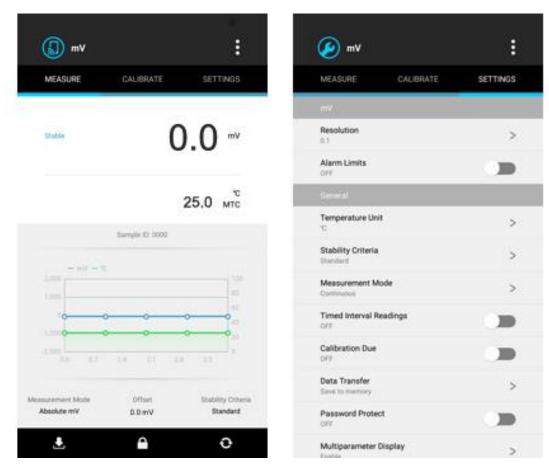
Bante70 Portable Multiparameter meter

Bante70 High-performance Multiparameter meter based on Android, contains the pH, ORP, Ion, conductivity, TDS, salinity, resistivity and conductivity ash measurement modes.



Features:

- Multiparameter meter has two channels.
- Channel 1: pH, ORP, Ion, Water hardness
- Channel 2: Conductivity, TDS, Salinity, Resistivity, Conductivity Ash
- Auto-Read function senses and locks the measurement endpoint.
- Limit Alarm automatically alerts when reading exceeds the specified range.
- Calibration due alarm prompts user to calibrate the tester regularly.
- Password protection prevents the unauthorized calibration and settings.
- Reset function automatically resumes all settings back to the factory defaults.
- WIFI, Bluetooth, GSM
- GPS
- Email Real-time Measurement data
- 5.5HD,1280×720, IPS Display



Include: pH electrode (Made in UK), temperature sensor, Standard solutions 4.01, 7.00, 10.01, CON-1-10K conductivity electrode, Standard solutions 84µS/cm, 1413µS/cm, 12.88mS/cm, Carrying case.

Specifications	
Model	Bante70
рН	
Range	-2.000~20.000pH
Resolution	0.001/0.01/0.1pH, Selectable
Accuracy	±0.002pH
Calibration Points	1 to 5 points
pH Buffer Options	USA/NIST/DIN/5 custom buffers
mV	
Range	-2000.0~2000mV
Resolution	0.1/1mV, Selectable
Accuracy	±0.2mV
Other Specifications	
Temperature Compensation	0~100°C/32~212°F, automatic
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
ORP	
Range	±2000.0mV
Resolution	0.1/1mV, Selectable
Accuracy	±0.2mV
Calibration Points	1 point
Measurement Modes	Relative / Absolute mV
Other Specifications	
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
lon	
Range	0.001~30000 (depending on the range of ISE)
Resolution	0.001, 0.01, 0.1, 1, automatic
Accuracy	±0.5% F.S. (monovalent), ±1% F.S. (divalent)
Calibration Points	2 to 5 points
Calibration Solutions	0.001/0.01/0.1/1/10/100/1000/10000
Measurement Units	ppm, mg/L, mol/L, mmol/L
Measurement Methods	Direct reading, known addition, known Direct reading, subtraction, sample addition, sample subtraction
Electrode Management	1 to 3
mV	
Range	±2000.0mV
Resolution	0.1/1mV, Selectable
Accuracy	±0.2mV
Other Specifications	
Temperature Compensation	0~100°C/32~212°F, automatic
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
	10/30/60/300seconds or off
Timed Interval Readings Calibration Due Alarm	
	1 to 99 days or off
High/Low Limit Alarm	Selectable

Water Hardness	
Range (Concentration)	0.05~200mmol/L
Range (German Degree)	0~1122°dH
Range (English Degree)	0~1404°e
Range (French Degree)	0~2000°fH
Range (GPG)	0~1170gpg
Range (CaCO ₃)	0~20000mg/L
Range (CaO)	0~11220mg/L
Range (Ca ²⁺)	0~8020mg/L
Resolution	0.001, 0.01, 0.1, 1, automatic
Accuracy	±1% F.S.
Calibration Points	2 to 5 points
Calibration Solutions	0.01/0.1/1/10/100mmol/L
mV	
Range	±2000.0mV
Resolution	0.1/1mV, Selectable
Accuracy	±0.2mV
Other Specifications	
Temperature Compensation	0~100°C/32~212°F, manual
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
Conductivity	
Conductivity	
	0~20.00, 200.0, 2000μS/cm, 20.00, 200.0mS/cm
Range Resolution	0~20.00, 200.0, 2000µS/cm, 20.00, 200.0mS/cm 0.001, 0.01, 0.1, 1, automatic
Range Resolution	0~20.00, 200.0, 2000μS/cm, 20.00, 200.0mS/cm 0.001, 0.01, 0.1, 1, automatic ±0.5% F.S.
Range	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S.
Range Resolution Accuracy Calibration Points	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points
Range Resolution Accuracy	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S.
Range Resolution Accuracy Calibration Points Calibration Solutions TDS	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRange	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolution	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracy	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S.
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTOR	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinity	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5)
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)Range (Natural Seawater)	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu 0.00~80.00ppt
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)Range (Natural Seawater)Range (%)	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu 0.00~80.00ppt 0.00~8.00%
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)Range (Natural Seawater)Range (%)Resolution	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu 0.00~80.00pt 0.00~8.00% 0.01
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)Range (Natural Seawater)Range (%)ResolutionAccuracy	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu 0.00~80.00ppt 0.00~8.00%
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)Range (Natural Seawater)Range (%)ResolutionAccuracyResolutionAccuracyRange the province of	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84µS/1413µS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu 0.00~80.00pt 0.00~8.00% 0.01 ±1% F.S.
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)Range (Natural Seawater)Range (%)ResolutionAccuracyResolutionRange (%)ResistivityRange	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu 0.00~80.00pt 0.00~8.00% 0.01 ±1% F.S. 0.00~20.00MΩ
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)Range (Natural Seawater)Range (%)ResolutionAccuracyResolutionAccuracyRange (%)ResolutionAccuracyResolutionAccuracyResistivityRangeResolution	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu 0.00~80.00ppt 0.00~8.00% 0.01 ±1% F.S. 0.00 - 20.00MΩ 0.01, 0.1, 1, automatic
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)Range (Natural Seawater)Range (%)ResolutionAccuracyResolutionRange (%)ResolutionAccuracyResolutionAccuracyResolutionAccuracyResistivityRangeResolutionAccuracyRangeResolutionAccuracyRangeResolutionAccuracy	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu 0.00~80.00pt 0.00~8.00% 0.01 ±1% F.S. 0.00~20.00MΩ
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)Range (Natural Seawater)Range (%)ResolutionAccuracyResolutionAccuracyResolutionAccuracyResolutionAccuracyResolutionAccuracyRangeResolutionAccuracyResolutionAccuracyConductivity Ash	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu 0.00~42.00psu 0.00~8.00% 0.01 ±1% F.S. 0.00 ~20.00MΩ 0.01, 0.1, 1, automatic ±1% F.S.
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)Range (Natural Seawater)Range (%)ResolutionAccuracyResolutionAccuracyRange (%)ResolutionAccuracyResolutionAccuracyResolutionAccuracyRange	0.001, 0.01, 0.1, 1, automatic $\pm 0.5\%$ F.S. 1 to 3 points 84μ S/1413μS/12.88mS/111.8mS 0~200.0g/L 0~200.0g/L 0.01, 0.1, 1, automatic $\pm 1\%$ F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu 0.00~42.00psu 0.00~80.00pt 0.00~8.00% 0.01 $\pm 1\%$ F.S. 0.01 $\pm 1\%$ F.S. 0.00-20.00MΩ 0.01, 0.1, 1, automatic $\pm 1\%$ F.S.
RangeResolutionAccuracyCalibration PointsCalibration SolutionsTDSRangeResolutionAccuracyTDS CONVERSION FACTORSalinityRange (Practical Salinity)Range (Natural Seawater)Range (%)ResolutionAccuracyResolutionAccuracyResolutionAccuracyResolutionAccuracyResolutionAccuracyRangeResolutionAccuracyResolutionAccuracyConductivity Ash	0.001, 0.01, 0.1, 1, automatic ±0.5% F.S. 1 to 3 points 84μS/1413μS/12.88mS/111.8mS 0~200.0g/L 0.01, 0.1, 1, automatic ±1% F.S. 0.01 to 1.00 (default 0.5) 0.00~42.00psu 0.00~42.00psu 0.00~8.00% 0.01 ±1% F.S. 0.00 ~20.00MΩ 0.01, 0.1, 1, automatic ±1% F.S.

Measurement Modes	ICUMSA GS1 / GS2
Other Specifications	
Temperature Compensation	0~100°C/32~212°F, automatic
Temperature Coefficient	Linear (0.0 to 10.0%/°C) / Non-linear / USP / EP
Pure Water Compensation	Yes
Reference Temperature	20/25°C
Cell Constant	K=0.1, 1, 10
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
General	
Data Transfer	Memory / Printer
Password Protection	6 digits
CPU	Mt6580
Architecture	ARM Cortex- A7 quad core 1.3 GHz
System	Android8.1.0
Memory	8GB ROM+1GB RAM
Display	5.5HD,1280×720 IPS
Camera	5 megapixels + Autofocus
WIFI	2.4Ghz,SupportIEEE802.11 a/b/g/n
Communication	Support Unicom3G/2G, Mobile2G
Bluetooth	SupportBluetooth3.0/4.0, Support BLE
MIC	Support
SPK	Support
Кеу	Power button(lock screen button) + volume plus/minus button
Connector	BNC, 3.5mmjack socket; Type-C USB; Support OTG
Power adapter	5V/2A
Barcode recognition	Rearcamerascanning,support1D/2D barcode scanning reading
SIM	Support
TF/SD	≤64G
PASM	Support
Connectivity	WIFI、GPS、Bluetooth、GSM
Power Supply	Removablelithiumbattery, 3.7V/5000mAh
	Kennovablentinaribattery, s.r. v, sooonin ti
Dimensions	211×87×60.5mm

Bante90 Portable Multiparameter meter

Bante90 High-performance Multiparameter meter based on Android, contains the pH, ORP, Ion, conductivity, TDS, salinity, resistivity, conductivity ash, BOD, OUR, SOUR and Dissolved Oxygen measurement modes.



Features:

 Multiparameter meter has three channels. Channel 1: pH, ORP, Ion, Water hardness

Channel 2: Conductivity, TDS, Salinity, Resistivity, Conductivity Ash

- Channel 3: Dissolved Oxygen, BOD, OUR, SOUR
- Auto-Read function senses and locks the measurement endpoint.
- Limit Alarm automatically alerts when reading exceeds the specified range.
- Calibration due alarm prompts user to calibrate the tester regularly.
- Password protection prevents the unauthorized calibration and settings.
- Reset function automatically resumes all settings back to the factory defaults.
- WIFI, Bluetooth, GSM
- GPS
- Email Real-time Measurement data
- 5.5HD,1280×720, IPS Display

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MEASURE C	ALIBRATE SETTINGS	MEASURE CALIBRATE	SETTINOS
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		Alarm Limits	
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	uple (2: 0000	Temperature Unit	>
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	100	Measurement Mode Continuous	>
0 0		Timed Interval Readings	
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esurement Mode		Data Transfer Save to memory	>
	Offset Shability Orberta 0.0 mV Standard	Password Protect	
	A 0	Multiperameter Display	

Model	Bante90
рН	
Range	-2.000~20.000pH
Resolution	0.001/0.01/0.1pH, Selectable
Accuracy	±0.002pH
Calibration Points	1 to 5 points
pH Buffer Options	USA/NIST/DIN/5 custom buffers
mV	
Range	-2000.0~2000mV
Resolution	0.1/1mV, Selectable
Accuracy	±0.2mV
Other Specifications	
Temperature Compensation	0~100°C/32~212°F, automatic
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
ORP	
Range	±2000.0mV
Resolution	0.1/1mV, Selectable
Accuracy	±0.2mV
Calibration Points	1 point
Measurement Modes	Relative / Absolute mV
Other Specifications	
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
lon	-
Range	0.001~30000 (depending on the range of ISE)
Resolution	0.001, 0.01, 0.1, 1, automatic
Accuracy	±0.5% F.S. (monovalent), ±1% F.S. (divalent)
Calibration Points	2 to 5 points
Calibration Solutions	0.001/0.01/0.1/1/10/100/1000/10000
Measurement Units	ppm, mg/L, mol/L, mmol/L
Measurement Methods	Direct reading, known addition, known Direct reading, subtraction, sample addition, sample subtraction
Electrode Management	1 to 3
mV	
Range	±2000.0mV
Resolution	0.1/1mV, Selectable
Accuracy	±0.2mV

Other Cresifications	
Other Specifications	0.100°C (22.212°E automatic
Temperature Compensation	0~100°C/32~212°F, automatic
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
Water Hardness	
Range (Concentration)	0.05~200mmol/L
Range (German Degree)	0~1122°dH
Range (English Degree)	0~1404°e
Range (French Degree)	0~2000°fH
Range (GPG)	0~1170gpg
Range (CaCO ₃)	0~20000mg/L
Range (CaO)	0~11220mg/L
Range (Ca ²⁺)	0~8020mg/L
Resolution	0.001, 0.01, 0.1, 1, automatic
Accuracy	±1% F.S.
Calibration Points	2 to 5 points
Calibration Solutions	0.01/0.1/1/10/100mmol/L
mV	
Range	±2000.0mV
Resolution	0.1/1mV, Selectable
Accuracy	±0.2mV
Other Specifications	
Temperature Compensation	0~100°C/32~212°F, manual
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
Conductivity	
Range	0~20.00, 200.0, 2000μS/cm, 20.00, 200.0mS/cm
Resolution	0.001, 0.01, 0.1, 1, automatic
Accuracy	±0.5% F.S.
Calibration Points	1 to 3 points
Calibration Solutions	84μS/1413μS/12.88mS/111.8mS
TDS	
Range	0~200.0g/L
Resolution	0.01, 0.1, 1, automatic
Accuracy	±1% F.S.
TDS CONVERSION FACTOR	0.01 to 1.00 (default 0.5)

Colinity	
Salinity Banga (Bractical Salinity)	0.00 42.00mg
Range (Practical Salinity)	0.00~42.00psu
Range (Natural Seawater)	0.00~80.00ppt
Range (%)	0.00~8.00%
Resolution	0.01
Accuracy	±1% F.S.
Resistivity	
Range	0.00~20.00ΜΩ
Resolution	0.01, 0.1, 1, automatic
Accuracy	±1% F.S.
Conductivity Ash	
Range	0~100%
Resolution	0.01, 0.1, 1, automatic
Accuracy	±1% F.S.
Measurement Modes	ICUMSA GS1 / GS2
Other Specifications	
Temperature Compensation	0~100°C/32~212°F, automatic
Temperature Coefficient	Linear (0.0 to 10.0%/°C) / Non-linear / USP / EP
Pure Water Compensation	Yes
Reference Temperature	20/25°C
Cell Constant	K=0.1, 1, 10
Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
Dissolved Oxygen	
Range	0.00~20.00mg/L
Resolution	0.01/0.1mg/L, Selectable
Accuracy	±0.2mg/L
% Saturation of Oxygen	
Range	0.0~200.0%
Resolution	0.1%
Accuracy	±2.0%
Other Specifications	
Calibration Points	1 or 2 points
Temperature Compensation	0~50°C/32~122°F, automatic
Pressure Correction	60.0~113.3kPa/450~850mmHg, manual
Salinity Correction	0.0~50.0g/L, manual
Additional Applications	BOD / OUR / SOUR

Stability Criteria	Fast / Standard / Slow
Measurement Modes	Continuous / Auto-read measurement endpoint
Timed Interval Readings	10/30/60/300seconds or off
Calibration Due Alarm	1 to 99 days or off
High/Low Limit Alarm	Selectable
General	
Data Transfer	Memory / Printer
Password Protection	6 digits
CPU	Mt6580
Architecture	ARM Cortex- A7 quad core 1.3 GHz
System	Android8.1.0
Memory	8GB ROM+1GB RAM
Display	5.5HD,1280×720 IPS
Camera	5 megapixels + Autofocus
WIFI	2.4Ghz,SupportIEEE802.11 a/b/g/n
Communication	Support Unicom3G/2G, Mobile2G
Bluetooth	SupportBluetooth3.0/4.0, Support BLE
MIC	Support
SPK	Support
Кеу	Power button(lock screen button) + volume plus/minus button
Connector	BNC, 3.5mmjack socket; Type-C USB; Support OTG
Power adapter	5V/2A
Barcode recognition	Rearcamerascanning,support1D/2D barcode scanning reading
SIM	Support
TF/SD	≤64G
PASM	Support
Connectivity	WIFI、GPS、Bluetooth、GSM
Power Supply	Removablelithiumbattery, 3.7V/5000mAh
Dimensions	211×87×60.5mm
Weight	500G (include battery)

Include: P14 pH electrode (Made in UK), temperature sensor, Standard solutions 4.01, 7.00, 10.01, Carrying case. Options: • Bluetooth ORP electrode, temperature sensor.

• Bluetooth Ion selective electrode, temperature sensor, Standard solutions 100, 1000 ppm, Ionic strength adjuster.

ISE Options: NH4, Br, Ca, CL, CN, F, NO3, Ag, Na, Cd, Cu, I, Pb, K, S

- Bluetooth ISE-WH Water hardness electrode, temperature sensor, Standard solutions 10, 100mmol/L.
- CON-1-10K conductivity electrode , CON-10-10K conductivity electrode, CON-0.1-10K conductivity electrode Standard solutions, 84µS/cm, 1413µS/cm, 12.88mS/cm.
- DO100 dissolved oxygen electrode, DO electrolyte solution, DO membrane cap.
- Portable Thermal Printer.

M851 Portable pH/Conductivity meter

M851 Economical pH/Conductivity meter contains pH, mV, TDS, Salinity, and Temperature measurement modes.



pH Unit Features

- Circular glass bulb electrode fully senses the pH of liquids.
- 1 to 3 points calibration with automatic recognition for USA and NIST buffers.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Setup menu allows setting the pH buffer group, number of calibration points, temperature unit, etc.

EC Unit Features

- Platinum conductivity cell provides the quick and reliable measurement results.
- 1 to 3 points calibration with automatic recognition for conductivity standards.
- Automatic temperature compensation corrects conductivity measurement to reference temperature.
- Setup menu allows setting the number of calibration points, TDS factor, temperature unit, etc.

General Features

- Auto-Read function senses and locks the measurement endpoint.
- Auto-Power Off effectively conserves battery life.
- Reset function automatically resumes all settings back to the factory defaults.

Include:

- M851 portable pH/conductivity meter
- E201-BNC-10K pH electrode
- pH4.01/7.00/10.01 buffer sachets
- CON-1-10K Platinum conductivity cell
- Conductivity standards 84µS/cm, 1413µS/cm, 12.88mS/cm
- Carrying case

Model	M851
pH	
Range	-1.00~15.00pH
Resolution	0.01pH
Accuracy	±0.01pH
Calibration Points	1 to 3 points
pH Buffer Options	USA (pH4.01/7.00/10.01), NIST (pH4.01/6.86/9.18)
mV	
Range	-999~999mV
Resolution	1mV
Accuracy	±1mV
Temperature	
Range	0 ~60°C/32~140°F
Resolution	0.1°C/0.1°F
Accuracy	±1°C/±1.8°F
Offset Calibration Temperature	Reading ±10°C
Temperature Compensation	0~60°C/32~140°F, automatic
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
Cell Constant	K=1
TDS	
Range	0~10.00, 100.0, 1000ppm, 10.00, 200.0ppt
Resolution	0.01, 0.1, 1
Accuracy	±1% F.S.
TDS CONVERSION FACTOR	0.01 to 1.00 (default 0.5)
Salinity	
Range	0~10.00ppt
Resolution	0.01
Accuracy	±1% F.S.
Temperature	
Range	0~60°C/32~140°F
Resolution	0.1°C/0.1°F
Accuracy Compensation	±1°C/±1.8°F
Offset Calibration Temperature	Reading ±10°C
Temperature Compensation	0~60°C/32~140°F, automatic
Temperature Coefficient	2%/°C, linear
Reference Temperature Modes	25°C
General	
Hold Function	Manual or auto-endpoint
Auto-Power Off Protection	40 minutes after last key pressed
Power	3×1.5V LR44 micro alkaline batteries/set, total 2 sets
	, -,
Dimension	195*90*30mm

M852 Portable pH/Conductivity/DO meter

M852 Economical pH/Conductivity/DO meter contains pH, mV, TDS, Salinity, and Dissolved oxygen measurement modes. It is suitable for freshwater farming.



Include:

- M852 portable pH/Conductivity/DO meter
- E201-BNC-10K pH electrode
- pH4.01/7.00/10.01 buffer sachets
- CON-1-10K Platinum conductivity cell
- Conductivity standards 84µS/cm, 1413µS/cm, 12.88mS/cm
- DO100 dissolved oxygen electrode
- DO electrolyte solution
- DO membrane cap
- Carrying case

pH Unit Features

- Circular glass bulb electrode fully senses the pH of liquids.
- 1 to 3 points calibration with automatic recognition for USA and NIST buffers.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Setup menu allows setting the pH buffer group, number of calibration points, temperature unit, etc.

EC Unit Features

- Platinum conductivity cell provides the quick and reliable measurement results.
- 1 to 3 points calibration with automatic recognition for conductivity standards.
- Automatic temperature compensation corrects conductivity measurement to reference temperature.
- Setup menu allows setting the number of calibration points, TDS factor, temperature unit, etc.

DO Unit Features

- Equip with a polarography sensor.
- 1 or 2 points calibration using the air-saturated water or zero oxygen solution.
- Salinity and barometric pressure compensations eliminate the measurement error.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Setup menu allows setting the number of calibration points, concentration unit, temperature unit, etc.

General Features

- Auto-Read function senses and locks the measurement endpoint.
- Auto-Power Off effectively conserves battery life.
- Reset function automatically resumes all settings back to the factory defaults.

Model	M852
рН	
Range	-1.00~15.00pH
Resolution	0.01pH
Accuracy	±0.01pH
Calibration Points	1 to 3 points
pH Buffer Options	USA (pH4.01/7.00/10.01), NIST (pH4.01/6.86/9.18)
mV	
Range	-999~999mV
Resolution	1mV
Accuracy	±1mV
Temperature	
Range	0~60°C/32~140°F
Resolution	0.1°C/0.1°F
Accuracy	±1°C/±1.8°F
Offset Calibration Temperature	Reading ±10°C
Temperature Compensation	0~60°C/32~140°F, automatic
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
Cell Constant	K=1
TDS	
Range	0~10.00, 100.0, 1000ppm, 10.00, 200.0ppt
Resolution	0.01, 0.1, 1
Accuracy	±1% F.S.
TDS CONVERSION FACTOR	0.01 to 1.00 (default 0.5)
Salinity	
Range	0~10.00ppt
Resolution	0.01
Resolution	

Temperature Range 0 ~60°C/32~140°F Resolution 0.1°C/0.1°F Accuracy Compensation ±1°C/±1.8°F Offset Calibration Temperature Reading ±10°C Temperature Compensation 0~60°C/32~140°F, automatic Temperature Compensation 0~60°C/32~140°F, automatic Temperature Coefficient 20's0°C/32~140°F, automatic Dissolved Oxygen 0.0~200.00g/L Resolution 0.1mg/L Accuracy ±0.5mg/L % Saturation of Oxygen 0.1% Range 0.0~200.0% Resolution 0.1% Accuracy ±2.0% Calibration Points 1 or 2 points Pressure Correction 450~850mmHg, manual Salinity Correction 0~35g/L, manual Temperature 0.1°C/0.1°F Resolution 0.1°C/0.2~140°F Resolution 0.1°C/0.2~140°F Resolution 0.1°C/0.2~140°F Resolution 0.1°C/0.2~140°F Resolution 0.1°C/0.2~140°F Resolution 0.4°C/2.2~140°F	-	
Resolution0.1°C/0.1°FAccuracy Compensation±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~60°C/32~140°F, automaticTemperature Coefficient2%/°C, linear0.0~20.0mg/LRange0.0~20.0mg/LAccuracy±0.5mg/LAccuracy±0.5mg/L% Saturation of Oxygen0.0~20.0%Range0.0~20.0%Range0.0~20.0%Range0.0~20.0%Accuracy±2.0%Calibration Points1 or 2 pointsAccuracy±2.0%Calibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction060°C/32~140°FRange0 ~60°C/32~140°FRange0 ~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGereralHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPowerPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195°90*30mm		
Accuracy Compensation±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~60°C/32~140°F, automaticTemperature Coefficient2%/°C, linearDisolved OxygenRange0.0-20.0mg/LResolution0.1mg/LAccuracy±0.5mg/L% Saturation of Oxygen0.0~20.0%Resolution0.1%Accuracy±2.0%Calibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction0.~60°C/32~140°FRange0~60°C/32~140°FRange0.~60°C/32~140°FRange0.~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGereralUHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195°90*30mm		
Offset Calibration TemperatureReading ±10°CTemperature Compensation0~60°C/32~140°F, automaticTemperature Coefficient2%/°C, linearDissolved Oxygen0.0~20.0mg/LResolution0.1mg/LAccuracy±0.5mg/LSaturation of Oxygen0.0~200.0%% Saturation of Oxygen0.0~200.0%Resolution0.0~200.0%Resolution0.0~200.0%Accuracy±2.0%Calibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSatinity Correction0.0~202.140°FRange0.4°0°C/32~140°FRange0.4°0°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0.40°C/32~104°F, automaticDemerature Compensation0.40°C/32~104°F, automaticPresure Correction3.15V LR44 micro alkaline batteries/set, total 3 setsDimension195°90*30mm		0.1°C/0.1°F
Temperature Compensation0~60°C/32~140°F, automaticTemperature Coefficient2%/°C, linearDissolved Oxygen0.0~20.0mg/LResolution0.1mg/LAccuracya.5mg/LSaturation of Oxygen0.0~200.0%% Saturation of Oxygen0.0~200.0%Resolution0.0~200.0%Accuracy0.0~200.0%Accuracy0.0~200.0%Accuracy10°2 pointsAccuracy4.20%Calibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSatinity Correction0.~60°C/32~140°FRange0~60°C/32~140°FRange0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CFemperature Compensation0.40°C/32~104°F, automaticDemenstonManual or auto-endpointAuto-Power Off ProtectionManual or auto-endpointAuto-Power Off Protection3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195°90*30mm	Accuracy Compensation	±1°C/±1.8°F
Temperature Coefficient2%/°C, linearDissolved OxygenRange0.0-20.0mg/LResolution0.1mg/LAccuracy±0.5mg/L% Saturation of OxygenRange0.0~200.0%Range0.0~200.0%Resolution0.1%Accuracy±2.0%Calibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction0.35g/L, manualSalinity Correction0.1°C/0.1°FRange0.~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0.40°C/32~104°F, automaticOffset Calibration TemperatureReading ±10°CHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsPomension195°90*m	Offset Calibration Temperature	Reading ±10°C
Dissolved OxygenRange0.0-20.0mg/LResolution0.1mg/LAccuracy±0.5mg/L% Saturation of OxygenRange0.0~200.0%Resolution0.1%Accuracy±2.0%Calibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction0~35g/L, manualTemperature0Range0 ~60°C/32~140°FResolution Temperature8eading ±10°COffset Calibration TemperatureReading ±10°CCorrect0~40°C/32~140°F, automaticGeneral-40°C/32~140°F, automaticMenal or auto-endpoint40 minutes after last key pressedAuto-Power Off Protection3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Temperature Compensation	0~60°C/32~140°F, automatic
Range0.0-20.0mg/LResolution0.1mg/LAccuracy0.5mg/L% Saturation of Oxygen0.0-20.0%Range0.0-20.0%Resolution0.1%Accuracy±2.0%Calibration Points1 or 2 pointsCalibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction0~35g/L, manualRange0~60°C/32~140°FRange0.1°C/0.1°FAccuracy1°C/0.1°FAccuracy1°C/0.1°FAccuracy0.40°C/32~104°F, automaticOffset Calibration Temperature0.40°C/32~104°F, automaticForenature0.40°C/32~104°F, automaticPresenture Compensation0.40°C/32~104°F, automaticHold FunctionManual or auto-endpointAuto-Power Off Protection\$1.55 LR44 micro alkaline batteries/set, total 3 setsPower3.155 VLR44 micro alkaline batteries/set, total 3 sets	Temperature Coefficient	2%/°C, linear
Resolution0.1mg/LAccuracy≠0.5mg/L% Saturation of OxygenRange0.0~200.0%Resolution0.1%Accuracy±2.0%Calibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction0~60°C/32~140°FRange0~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticTemperature Compensation0~40°C/32~104°F, automaticPower×1.5V LR44 micro alkaline batteries/set, total 3 setsPower3×1.5V LR44 micro alkaline batteries/set, total 3 sets	Dissolved Oxygen	
Accuracy±0.5mg/L& Saturation of OxygenRange0.0~200.0%Resolution0.1%Accuracy±2.0%Calibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction0~35g/L, manualTemperatureRange0~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~140°F, automaticDefineratureReading ±10°CTemperature Compensation0×40°C/32~140°F, automaticDefinerature8ainig ±10°COffset Calibration TemperatureReading ±10°CTemperature Compensation0×40°C/32~140°F, automaticDefineratureSainity CorrectionDimension10 rauto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195°90*30mm	Range	0.0~20.0mg/L
% Saturation of OxygenRange0.0~200.0%Resolution0.1%Accuracy±2.0%Calibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction0~35g/L, manualTemperatureRange0~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGeneralHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Resolution	0.1mg/L
Range0.0~200.0%Resolution0.1%Accuracy±2.0%Calibration Points1 or 2 pointsCalibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction0~35g/L, manualTemperatureRange0~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGeneralHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Accuracy	±0.5mg/L
Resolution0.1%Accuracy±2.0%Calibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction0~35g/L, manualTemperatureRange0 ~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0.40°C/32~104°F, automaticGeneralUHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	% Saturation of Oxygen	
Accuracy±2.0%Calibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction0~35g/L, manualTemperatureRange0~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGeneralHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Range	0.0~200.0%
Calibration Points1 or 2 pointsCalibration Points1 or 2 pointsPressure Correction450~850mmHg, manualSalinity Correction0~35g/L, manualTemperature0~60°C/32~140°FRange0~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGeneralHold FunctionManual or auto-endpoint40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Resolution	0.1%
Pressure Correction450~850mmHg, manualSalinity Correction0~35g/L, manualTemperatureRange0~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGeneralHold FunctionManual or auto-endpointAuto-Power Off Protection3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Accuracy	±2.0%
Salinity Correction0~35g/L, manualTemperatureRange0~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGeneralHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Calibration Points	1 or 2 points
TemperatureRange0 ~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticOffereralHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Pressure Correction	450~850mmHg, manual
Range0 ~60°C/32~140°FResolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGeneralHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Salinity Correction	0~35g/L, manual
Resolution0.1°C/0.1°FAccuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGeneralHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Temperature	
Accuracy±1°C/±1.8°FOffset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGeneralHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Range	0~60°C/32~140°F
Offset Calibration TemperatureReading ±10°CTemperature Compensation0~40°C/32~104°F, automaticGeneralHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Resolution	0.1°C/0.1°F
Temperature Compensation0~40°C/32~104°F, automaticGeneralManual or auto-endpointHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Accuracy	±1°C/±1.8°F
GeneralHold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Offset Calibration Temperature	Reading ±10°C
Hold FunctionManual or auto-endpointAuto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Temperature Compensation	0~40°C/32~104°F, automatic
Auto-Power Off Protection40 minutes after last key pressedPower3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	General	
Power3×1.5V LR44 micro alkaline batteries/set, total 3 setsDimension195*90*30mm	Hold Function	Manual or auto-endpoint
Dimension 195*90*30mm	Auto-Power Off Protection	40 minutes after last key pressed
	Power	3×1.5V LR44 micro alkaline batteries/set, total 3 sets
Weight 240g	Dimension	195*90*30mm
	Weight	240g

M853 Portable pH/Salinity/DO meter

M853 Economical pH/Salinity/DO meter contains pH, mV, Salinity, and Dissolved oxygen measurement modes. It is suitable for mariculture.



Include:

- M853 portable pH/Salinity/DO meter
- E201-BNC-10K pH electrode
- pH4.01/7.00/10.01 buffer sachets
- CON-10-10K Platinum conductivity cell
- Conductivity standards 1413µS/cm, 12.88mS/cm, 111.8mS/cm
- DO100 dissolved oxygen electrode
- DO electrolyte solution
- DO membrane cap
- Carrying case

pH Unit Features

- Circular glass bulb electrode fully senses the pH of liquids.
- 1 to 3 points calibration with automatic recognition for USA and NIST buffers.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Setup menu allows setting the pH buffer group, number of calibration points, temperature unit, etc.

Salinity Unit Features

- Platinum conductivity cell provides the quick and reliable measurement results.
- 1 to 3 points calibration with automatic recognition for conductivity standards.
- Automatic temperature compensation corrects conductivity measurement to reference temperature.
- Setup menu allows setting the number of calibration points, temperature unit, etc.

DO Unit Features

- Equip with a polarography sensor.
- 1 or 2 points calibration using the air-saturated water or zero oxygen solution.
- Salinity and barometric pressure compensations eliminate the measurement error.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Setup menu allows setting the number of calibration points, concentration unit, temperature unit, etc.

General Features

- Auto-Read function senses and locks the measurement endpoint.
- Auto-Power Off effectively conserves battery life.
- Reset function automatically resumes all settings back to the factory defaults.

Model	M853
рН	
Range	-1.00~15.00pH
Resolution	0.01pH
Accuracy	±0.01pH
Calibration Points	1 to 3 points
pH Buffer Options	USA (pH4.01/7.00/10.01), NIST (pH4.01/6.86/9.18)
mV	
Range	-999~999mV
Resolution	1mV
Accuracy	±1mV
Temperature	
Range	0~60°C/32~140°F
Resolution	0.1°C/0.1°F
Accuracy	±1°C/±1.8°F
Offset Calibration Temperature	Reading ±10°C
Temperature Compensation	0~60°C/32~140°F, automatic
Conductivity	
Range	0 ~ 200.0, 2000µS/cm, 20,00, 200.0mS/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
Cell Constant	K=1
Salinity	
Range	0~80.00ppt
Resolution	0.01
Accuracy	±1% F.S.

Temperature	
Range	0~60°C/32~140°F
Resolution	0.1°C/0.1°F
Accuracy Compensation	±1°C/±1.8°F
Offset Calibration Temperature	Reading ±10°C
Temperature Compensation	0~60°C/32~140°F, automatic
Temperature Coefficient	2%/°C, linear
Dissolved Oxygen	
	0.0.20.0mg/l
Range Resolution	0.0~20.0mg/L 0.1mg/L
	-
Accuracy	±0.5mg/L
% Saturation of Oxygen	0.0~200.0%
Range Resolution	
	0.1%
Accuracy	±2.0%
Calibration Points	1 or 2 points
Pressure Correction	450~850mmHg, manual
Salinity Correction	0~35g/L, manual
Temperature	
Range	0~60°C/32~140°F
Resolution	0.1°C/0.1°F
Accuracy	±1°C/±1.8°F
Offset Calibration Temperature	Reading ±10°C
Temperature Compensation	0~40°C/32~104°F, automatic
General	
Hold Function	Manual or auto-endpoint
Auto-Power Off Protection	40 minutes after last key pressed
Power	3×1.5V LR44 micro alkaline batteries/set, total 3 sets
Dimension	195*90*30mm

PHS-500C Stirring pH Meter



Features

- Classical benchtop pH meter is equipped with a backlit LCD display.
- Automatic electrode diagnosis helps the user decide whether to replace the pH electrode.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Adjustable stirring times and speeds.

Include:

- pH Electrode
- Inline Electrode Arm
- Pitman Electrode Arm
- pH Buffer Pouches
- Stir bar





Model	PHS-500C
рН	
Range	0.00~14.00pH
Accuracy	±0.01pH
Calibration Points mV	2 points (pH4.01/7.00/10.01)
Range	-1999~1999mV
Accuracy	±1mV
Temperature	
Range	0~100°C
Resolution	0.1°C
Accuracy	±0.5°C
Stirrer	
Stirring Volume	0~2000mL
Stirring Speed	0~1250rpm
Top Plate Size	135×135mm
Plate Material	ceramics
Other Specifications	
Timer Range	0 to 999 minutes
Temperature Compensation	0~100°C, automatic
Connector	BNC
Power Requirements	AC 110V/60Hz
Dimensions	210×205×75mm
Weight	1.5kg

PE-20 pH/Conductivity Meter



Include:

- E201-10K pH sensor
- pH buffer solutions 4.01, 7.00, 10.01
- CON-1-10K conductivity sensor
- Conductivity standard solutions : 84μS/cm, 1413μS/cm, 12.88mS/cm
- 9V DC power adapter



Features

Channel one: pH, mV, temperature

- 1 to 3 points calibration with automatic recognition for USA and NIST buffers.
- Automatic electrode diagnosis helps user decide whether to replace the pH electrode.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Auto-Read function senses and locks the measurement endpoint.
- Setup menu allows setting the pH buffer set, number of calibration points, temperature unit, etc.
- Reset function automatically resumes all settings back to the factory defaults.

Channel two: Conductivity, TDS, temperature

- 1 to 3 points calibration with automatic recognition for conductivity standards .
- · Selectable cell constant, temperature coefficient and TDS conversion factor .
- 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.

Model	PE-20
рН	
Range	-1.00 to 15.00 pH
Resolution	0.01 pH
Accuracy	±0.01 pH
Calibration Points	1 to 3 points
pH Buffer Options	USA (pH 4.01/7.00/10.01) / NIST (pH 4.01/6.86/9.18)
mV	
Range	-1999 to 1999 mV
Resolution	1 mV
Accuracy	±1 mV
Temperature	
Range	0 to 105°C / 32 to 221°F
Resolution	0.1°C/°F
Accuracy	±1°C/±1.8°F
Calibration	1 point
Calibration Range	Reading ±10°C/°F
Other Specifications	
Temperature Compensation	0 to 100°C / 32 to 212°F, manual or automatic
Hold Function	Manual / Auto-read measurement endpoint
Connector	BNC, 3.5 mm jack socket
Conductivity	
Range	0~20.00, 200.0, 2000μS/cm, 20.00, 200.0mS/cm
Resolution	0.001, 0.01, 0.1, 1, automatic
Accuracy	±1% F.S.
Calibration Points	1 to 3 points
Calibration Solutions	10 μS / 84 μS / 1413 μS / 12.88mS / 111.8mS
TDS	
Range	0 to 10.00, 100.0, 1000 ppm, 10.00, 200.0ppt
Resolution	0.01, 0.1, 1, automatic
Accuracy	±1% F.S.
TDS CONVERSION FACTOR	0.1 to 1.0 (default 0.5)

Temperature	
Range	0 to 105°C / 32 to 221°F
Resolution	0.1°C/°F
Accuracy	±1°C/±1.8°F
Calibration	1 point
Calibration Range	Reading ±10°C/°F
Other Specifications	
Temperature Compensation	0~100°C/32~212°F, automatic
Temperature Coefficient	0.0 to 9.9%/°C
Reference Temperature	25°C
Cell Constant	K=0.1 / 1 / 10 / Custom
Hold Function	Manual / Auto-read measurement endpoint
Connector	6-pin mini-DIN, 3.5 mm jack socket
General	
Display	Custom LCD (135 × 75 mm)
Power Supply	9V DC power adapter
Environmental Conditions	0 to 50°C / 32 to 122°F, relative humidity < 80%
Dimensions	210 × 205 × 75 mm
Weight	2kg