Infitek

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Infitek

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Infitek

PH METERS



VERSION.26

Benchtop pH Meter

PH-100B



- pH Range: -2.00 to 20.00 pH
- pH Resolution: 0.1/0.01
- pH Accuracy: ±0.01 pH ±1 digit
- Automatic calibration, ATC measurement, and parameter setup

Features

- 7-inch high-resolution display with white backlight for easy reading.
- Automatic reading stable indication, calibration indication.
- Automatic calibration, ATC measurement, and parameter setup.
- Data storage: 450 readings.

Features

- Data export: Flash disk/ Wireless printer (the printer is optional).
- Equipped with a flexible probe holder and pH buffer solutions for convenient use.
- Protection class: IP54.



Specification

Model		PH-100B
Parameter		pH/mV, ℃
		mV(ORP), ℃
pH	Measurement Range	(-2.00-20.00) pH
	Resolution	0.1/0.01
	Accuracy	±0.01 pH ±1 digit
	Calibration Points	1, 2,-3pts automatic
	ATC Range	(0.0-100.0) ℃/(32.0-212.0)°F
ORP	Measurement Range	(-1999.9-+1999.9)mV
	Resolution	0.1/1
	Accuracy	±0.1%F.S ±1 digit
Temperature	Measurement Range	(0.0-100.0)℃/(32.0-212.0)°F
	Accuracy	±0.2℃
Others	Data Export	Flash disk/Printer
	Power Supply	DC12V
Test Kit		Meter
		Plastic ATC pH probe 201T
		pH buffer solution: pH 4.00/7.00/10.01 (50mL, 1 bottle each)
		Power adapter, 1pc
		Flexible probe holder F01, 1pc

Benchtop pH Meter

PH-B25CW





Features

- Economical bench top pH meter is equipped with a white backlit LCD display.
- Automatic electrode slope display helps user decide whether to replace sensor.
- 2 points push-button calibration with auto-buffer recognition.
- Automatic Temperature Compensation ensures accurate measuring result.





Meter Includes:

pH electrode

Temperature probe [Only for PH-B3BW meter]

pH buffer pouches [pH4.01/7 .00/10.01]

DC9V power adapter

Specifications

Model	PH-B25CW
pH Range	0.00~14.00pH
pH Accuracy	±0.05pH
Resolution	0.01pH
Calibration Points	2 points
Calibration Solutions	USA (pH4.01/7.00/10.01)
Temperature Compensation	0~100°C,Manual
mV Range	-1999~1999mV
mV Accuracy	±10mV
Resolution	1mV
Temperature Rage	/
Temperature Accuracy	/
Resolution	/
Hold Function	/
Connector	BNC
Display	LCD
Power Requirements	DC9V/400mA power adapter
Dimensions	210(L)×205(W)×65(mm)
Weight	1.5Kg

Benchtop pH Meter

PH-B100B



Feature

- IP54 waterproof.
- 6-inch LCD display screen.
- 1-2 points calibration with standard recognition.

Advantages

Manual temperature compensation ensures accurate resul

Reset feature automatically resumes all settings back to factory default options.

6-inch LCD display screen.

IP54 waterproof.

1-2 points calibration with Standard Recognition.



PH-B100B pH Meter 1 Set

E-201F pH composite electrode 1 Piece

Power adapter DC 9V(European plug model, QD24-0902000-A1) 1 Piece

Electrode clip assembly 1 Piece

Electrode stem 1 Piece

Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each

Operation quick guide 1 Piece

Instruction manual 1 Piece

Description

PH measurement has a wide range of applications. It is now widely used in colleges, environmental protection, medicine, food, health, geological exploration, metallurgy, marine exploration and other fields. PH measurement is required for common acid rain detection, surface water, industrial wastewater, drinking water, beverages, daily chemical products, textiles, etc.

Specifications

Model		PH-B100B
Parameters		pH/mV
pH	Range	0.00 to 14.00 pH
	Resolution	0.01pH
	Accuracy	±0.01 pH
	Calibration Points	Up to 2
	Standard Recognition	NIST buffers
mV	Range	-1800 to 1800 mV
	Resolution	1 mV
	Accuracy	±0.1%FS
Measurement	Reading Mode	Continuous
	Temp. Compensation	MTC
Inputs	pH Electrode	BNC(Q9)
Display options	Backlight	Yes
	Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off
	IP Rating	IP54
General	Electricity	AC Adapter, 100-240V AC input, DC9V output
	Dimensions	200×160×63 mm
	Package Dimension	W460×D290×H340mm
	G.W./N.W.	2.4kg/0.6kg

Benchtop pH Meter

PH-B100BD

PH-B100BD package 1 (Minimum order of 5 units)



E-201 pH composite electrode

NIST pH standard solution (4.01/7.00/10.01), powder (3*5 sachets)

PH-B100BD package 2 (Minimum order of 5 units)



E-201 pH composite electrode

NIST pH standard solution (4.01/7.00/10.01), powder (3*5 sachets)

Electrode clip assembly

Electrode stem

Features

LCD display screen, 6.0 inches.

Reset feature automatically resumes all settings back to factory default options.

1-2 points calibration with auto/manual calibration.

Automatic recognition of 4.01pH, 7.00pH and 10.01pH pH standard buffer solutions.

Manual calibration allows to custom standard solution.

Manual temperature compensation ensures accurate results.

Specification

Model		PH-B100BD
Parameters		pH/mV
pH	Range	0.00~14.00pH
	Resolution	0.01pH
	Accuracy	±0.05pH
	Calibration Points	Up to 2
	Standard Recognition	NIST buffers (pH4.01, pH7.00, pH10.01)
mV	Range	-1400~1400mV
	Resolution	1mV
	Accuracy	±0.1%FS
Measurement	Reading Mode	Continuous
	Temp. Compensation	MTC
Inputs	pH Electrode	BNC (Q9)
Display options	Backlight	Yes
	Auto Shutdown	off, 300 Sec, 600 Sec, 900 Sec, 1200 Sec, 1500 Sec, 1800 Sec, 2100 Sec, 2400 Sec, 2700 Sec, and 3600 Sec.
	IP Rating	IP54
General	Power	EU Power Adapter (Input: AC 230V/50Hz; Output: DC 12V/1000mA). Configurable power adapter option available.
	Dimensions	200×160×63 mm
	Net Weight	600g (1.32 lb)

Benchtop pH Meter

PH-B200EM



Feature

- IP54 waterproof.
- Data storage 50 sets for each parameter.
- 1-3 points calibration with standard recognition.
- High resolution LCD display screen, 6.0 inches.

Advantages

Auto-hold feature senses and locks the measurement endpoint.

Reset feature automatically resumes all settings back to factory default options.

6-inch high resolution LCD display screen.

Manual temperature compensation ensures accurate results

Data storage 50 sets for each parameter.

Multi-reading feature allows auto-read and continuous-read.

IP54 waterproof.

1-3 points calibration with standard recognition.



PH-B200EM pH Meter 1 Set

E-201F pH composite electrode 1 Piece

REX-5 electrode stand 1 Set

Power adapter DC 9V(European plug model, QD24-0902000-A1) 1 Piece

Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each

Dust cover (Key function version) 1 Piece

Operation quick guide 1 Piece

Instruction manual 1 Piece

Description

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Specifications

Model		PH-B200EM
Parameters		pH/mV
pH	Range	-2.00 to 18.00 pH
	Resolution	0.01pH
	Accuracy	±0.01 pH
	Calibration Points	Up to 3
	Standard Recognition	NIST buffers
mV	Range	-1999 to 1999 mV
	Resolution	1 mV
	Accuracy	±0.1%FS
Measurement	Reading Mode	Auto Read, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	MTC
Data management	Data Storage	50 results each
Inputs	pH Electrode	BNC(Q9)
Display options	Backlight	Yes
	Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off
	IP Rating	IP54
General	Electricity	AC Adapter, 100-240V AC input, DC9V output
	Dimensions	W242×D195×H68 mm
	Package Dimension	W360×D300×H230 mm
	N.W./G.W.	900g/2.6kg

Benchtop pH Meter

PH-B200E



Feature

- IP54 waterproof.
- Data storage 50 sets for each parameter.
- 1-3 points calibration with standard recognition.
- High resolution LCD display screen, 6.0 inches.

Advantages

Automatic/Manual temperature compensation ensures accurate results.

Automatic recognition of 1.68pH, 4.01pH, 7.00pH and 10.01pH

pH standard buffer solutions.

Manual calibration allows to custom standard solution.

Reset feature automatically resumes all settings back to factory default options.

High resolution LCD display screen, 6.0 inches.

Auto-hold feature senses and locks the measurement endpoint.

Data Storage 50 sets for each parameter.

Multi-reading feature allows auto-read and continuous-read.

IP54 waterproof.

1-3 points calibration with auto/manual calibration.

PH-B200E pH Meter 1 Set
E-301-QC 3 in 1 pH composite electrode 1 Piece
REX-5 electrode stand 1 Set
Power adapter DC 9V(European plug model, QD24-0902000-A1) 1 Piece
Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each
Dust cover (Key function version) 1 Piece
Operation quick guide 1 Piece
Instruction manual 1 Piece



Specifications

Model		PH-B200E
Parameters		pH/Temp.(mV)
pH	Range	-2.00 to 18.00 pH
	Resolution	0.01 pH
	Accuracy	±0.01 pH
	Calibration Points	Up to 3
	Standard Recognition	NIST buffers (pH1.68, pH4.01, pH7.00, pH10.01)
mV	Range	-1999 to 1999 mV
	Resolution	1 mV
	Accuracy	±0.1%FS
Temperature	Range	-5 to 110 °C(23 to 230 °F)
	Unit	°C
	Resolution	0.1
	Accuracy	±0.2
Measurement	Reading Mode	Auto Read, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	50 results each
Inputs	pH Electrode	BNC(Q9)
	Temp. Probe	4-pin aviation connector
Display options	Backlight	Yes
	Auto Shutdown	off, 300 Sec, 600 Sec, 900 Sec, 1200 Sec, 1500 Sec, 1800 Sec, 2100 Sec, 2400 Sec, 2700 Sec, and 3600 Sec.
	IP Rating	IP54
General	Electricity	Output: DC/9~24V. Configurable power adapter option available.
	Dimensions	242×195×68 mm
	Package Dimension (W*D*H)	370×300×240mm
	G.W./N.W.	2.7kg/0.9kg

Description

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Benchtop pH Meter

PH-B300F

Features

- IP54 waterproof.
- Data storage 500 sets (GLP-compliant).
- Support for USB and RS-232 communication.



Description

PH measurement has a wide range of applications. It is now widely used in colleges, environmental protection, medicine, food, health, geological exploration, metallurgy, marine exploration and other fields. PH measurement is required for common acid rain detection, surface water, industrial wastewater, drinking water, beverages, daily chemical products, textiles, etc.

- High resolution LCD display, 7.0 inches.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data storage 500 sets (GLP-compliant).
- Support for USB and RS-232 communication.
- Reset feature automatically resumes all settings back to factory default options.
- IP54 waterproof.
- 1-5 points calibration with standard recognition.
- Selectable pH buffer groups, including NIST, DIN,GB,USA and GOST standards.
- Automatic electrode diagnosis with pH slope and offset display.



PH-B300F pH Meter 1 Set

E-301-QC 3 in 1 pH composite electrode 1 Piece

REX-5 electrode stand 1 Set

Power adapter DC 9V(European plug model, QD24-0902000-A1) 1 Piece

Universal USB cable 1 Piece

Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each

Dust cover (Key function version) 1 Piece

Operation quick guide 1 Piece

Instruction manual 1 Piece

Specifications

Model		PH-B300F
Parameters		pH/Temp.(mV)
pH	Range	-2.00 to 20.00pH
	Resolution	0.1, 0.01 pH
	Accuracy	±0.01 pH
	Calibration Points	Up to 5
	Standard Customization	Yes
	Standard Recognition	NIST,GB,USA,DIN and GOST buffers
mV	Range	-2000.0 to 2000.0 mV
	Resolution	0.1 mV
	Accuracy	±0.3 mV or ±0.1%
Temperature	Range	-5 to 110 °C, 23 to 230 °F
	Unit	°C, °F
	Resolution	0.1
	Accuracy	±0.2
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	500 results each
	GLP Features	Yes
Inputs	pH Electrode	BNC(Q9)
	Temp. Probe	4-pin aviation connector
Outputs	USB	USB 2.0 flash memory device, PC
	RS 232	printer
Display options	Backlight	Yes
	Auto Shutdown	1~60 min, off
	IP Rating	IP54
	Date and Time	Yes
General	Electricity	AC Adapter, 100-240V AC input, DC9V output
	Dimensions	242×195× 68 mm
	Weight	900g
	Package size	(W*D*H)360*300*240mm 2.7kg

Benchtop pH Meter

PH-B400F

Features

- IP54 waterproof.
- 1-5 points calibration with Standard Recognition.
- High resolution LCD display
- Support for USB and RS-232 communication.



Description

PH measurement has a wide range of applications. It is now widely used in colleges, environmental protection, medicine, food, health, geological exploration, metallurgy, marine exploration and other fields. PH measurement is required for common acid rain detection, surface water, industrial wastewater, drinking water, beverages, daily chemical products, textiles, etc.

- 7.0-inch high resolution LCD display.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data Storage 500 sets (GLP-compliant).
- Support for USB and RS-232 communication.
- Reset feature automatically resumes all settings back to factory default options.
- IP54 waterproof.
- 1-5 points calibration with standard recognition.
- Selectable pH buffer groups, including NIST, DIN, GB,USA, MERK and GOST .
- Automatic electrode diagnosis with pH slope and offset display.



PH-B400F pH Meter 1 Set

E-301-QC 3 in 1 pH composite electrode 1 Piece

REX-5 electrode stand 1 Set

Power adapter DC 9V(European plug model, QD24-0902000-A1) 1 Piece

Universal USB cable 1 Piece

Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each

Dust cover (Key function version) 1 Piece

Operation quick guide 1 Piece

Instruction manual 1 Piece

Specifications

Model		PH-B400F
Parameters		pH/Temp.(mV)
pH	Range	-2.000 to 20.000 pH
	Resolution	0.1, 0.01, 0.001pH
	Accuracy	±0.002 pH
	Calibration Points	Up to 5
	Standard Customization	Yes
	Standard Recognition	NIST, GB, DIN, USA,MERK and GOST buffers
mV	Range	-2000.00 to 2000.00 mV
	Resolution	1,0.1, 0.01 mV
	Accuracy	±0.1 mV or ±0.03%
Temperature	Range	-10 to 135 °C, 14 to 275 °F
	Unit	°C, °F
	Resolution	0.1
	Accuracy	±0.1
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	500 results each
	GLP Features	Yes
Inputs	pH Electrode	BNC(Q9)
	Temp. Probe	4-pin aviation connector
Outputs	USB	USB 2.0 flash memory device, PC
	RS 232	printer
Display options	Backlight	Yes
	Auto Shutdown	1~60 min, off
	IP Rating	IP54
	Date and Time	Yes
General	Electricity	AC Adapter, 100-240V AC input, DC9V output
	Dimensions	242×195× 68 mm
	Weight	900g

Benchtop pH Meter

PH-B500T

Features

- IP54 waterproof.
- 1-6 points calibration with Standard Recognition.
- Color High contrast LCD touchscreen
- Support for USB and RS-232 communication.



Description

PH measurement has a wide range of applications. It is now widely used in colleges, environmental protection, medicine, food, health, geological exploration, metallurgy, marine exploration and other fields. PH measurement is required for common acid rain detection, surface water, industrial wastewater, drinking water, beverages, daily chemical products, textiles, etc.

- 7-inch color high contrast LCD touchscreen.
- Intelligent operation system provides features including user management, calibration management, method management, data management and etc.
- Automatic electrode diagnosis with pH slope and offset display.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Selectable pH buffer groups, including DIN, NIST, USA, MERK, JIS, GB.
- Reset feature automatically resumes all settings back to factory default options.
- Data Storage 1000 sets for each parameter (GLP-compliant).
- Data analysis feature helps user review, compare and recalculate results.
- Support for USB and RS-232 communication.
- IP54 waterproof.
- 1-6 points calibration with standard recognition.
- Support for pH standard group customization.



PH-B500T pH Meter 1 Set
962201 pH composite electrode (Premium) 1 Piece
T-818-Q Temperature probe 1 Piece
Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each
REX-6 electrode stand 1 Piece
GC65-240270-F Power adapter DC24V 1 Piece
Dust cover (Touch screen version) 1 Piece
European standard power cord(3VTJ2) 1 Piece
Universal USB cable 1 Piece
Touch pen (Capacitive screen) 1 Piece
Operation quick guide 1 Piece
Instruction manual 1 Piece

Specifications

Model		PH-B500T
Parameters		pH/Temp.(mV/ORP)
pH	Range	-2.000 to 20.000 pH
	Resolution	0.1, 0.01, 0.001pH
	Accuracy	±0.002 pH
	Calibration Points	Up to 6
	Standard Customization	Yes
	Calibration Reminder	Yes
	Standard Recognition	NIST, GB, DIN, USA, MERK, JIS buffers
	Slope Limit	Yes
mV/ORP	Range	-2000.00 to 2000.00 mV
	Resolution	0.1, 0.01 mV
	Accuracy	±0.1 mV or ±0.03%
	EH ORP Mode	Yes
	ORP Calibration Points	1 custom point (relative mV)
Temperature	Range	-10 to 135 °C, 14 to 275 °F
	Unit	°C, °F
	Resolution	0.1
	Accuracy	±0.1
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	1000 Groups
	GLP Features	Yes
	Log Management	Yes
Inputs	pH Electrode	BNC(Q9)
	Temp. Probe	4-pin aviation connector
Outputs	USB	USB 2.0 flash memory device, PC
	RS 232	printer, scanner, auto-sampler
Display options	Backlight	Yes
	Auto Shutdown	1~60 min, off
	IP Rating	IP54
	Date and Time	Yes
General	Electricity	AC Adapter, 100-240V AC input, DC24V output
	Dimensions	220×195×68 mm
	Weight	950g

Benchtop pH Meter

BEP-M920



BEP-M920

Features

pH BEP-M920：

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 BEP-M920：

1 point offset calibration allows adjusting the displayed value to a known standard

Relative and absolute millivolt modes ensure the reliable ORP measurements

Measurement Parameters

BEP-M920: pH, mV, relative mV, temperature



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

Specifications

Model	BEP-M920
pH	
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, 2 custom buffers
ORP	
mV Range	±1999mV
Relative mV Range	±1999mV
Resolution	0.1, 1mV, selectable
Accuracy	±0.2mV
Calibration Points	1 point
Temperature	
Range	0~105°C/32~221°F
Resolution	0.1°C/0.1°F
Accuracy	±0.5°C/±0.9°F
Offset Calibration	1 point, reading ±10°C
Other Specifications	
Temperature Compensation	0-100°C, manual or automatic
Stability Criteria	Low or high
Calibration Due Alarm	1 to 31 days or off
Slope/Offset Display	Yes
Hold Function	Manual or auto-endpoint
Memory	500 data sets
Communication Interface	USB
Connector	BNC,3.5mm jack socket
Display	Custom LCD(125×100mm)
Power Requirements	DC5V power adapter
Dimensions	210(L)×188(W)×60(H) mm
Weight	1.5kg

Ordering Information

BEP-M920-CN: Meter, E201-BNC plastic body pH electrode, temperature probe, pH buffer sachets, electrode holder, USB cable (for BEP-M920 only) and power adapter

BEP-M920-UK: Meter, P11 glass pH electrode, temperature probe, pH buffer sachets, electrode holder, USB cable (for BEP-M920 only) and power adapter

BEP-M920-ORP: Meter, E201-BNC plastic body pH electrode, 501 ORP electrode, temperature probe, pH buffer sachets, electrode holder, USB cable and power adapter

Portable pH Meter

BEP-M221



pH

1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers

Automatic temperature compensation ensures accurate readings over the entire range

Calibration due alarm prompts user to calibrate the meter regularly

Automatic electrode diagnosis shows the pH slope and offset

ORP

1 point offset calibration allows adjusting the displayed value to a known standard

Auto-Read function senses and locks the measurement endpoint

Auto-Power Off effectively conserves battery life

Measurement Parameters
pH, mV, relative mV, temperature

Multi-mode powerscheme (batteries, power adapter and USB port) ensures that using

Reset function automatically resumes all settings back to the factory defaults

Expanded memory stores or recalls up to 500 data sets

Relative and absolute millivolt modes ensure the reliable ORP measurements General Features

Setup menu allows to set the pH buffer set, number of calibration points, resolution, stability criteria, temperature unit, date and time, etc.







Specifications

Model	BEP-M221
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 Specifications	
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
Auto-Power Off	10, 20 or 30 minutes after last key pressed
Memory	Stores up to 500 data sets
Output	USB
Connector	BNC, 3.5mm jack socket
Display	Custom LCD (80×60mm)
Power	3×1.5V AA batteries or DC5V power adapter
Battery Life	Approximately 150 hours (turn off the backlight)
Dimensions	170(L)×85(W)×30(H)mm
Weight	300g

Portable pH Meter

PH-P110B



Features

- IP65 waterproof.
- 1-2 points calibration with Standard Recognition.
- 3.5-inch LCD display screen.

Features

- 3.5-inch LCD display screen.
- Reset feature automatically resumes all settings back to factory default options.
- Auto-power off feature effectively extends the battery service life.
- IP65 waterproof.
- 1-2 points calibration with standard recognition.
- Manual temperature compensation ensures accurate results



PH-P110B Portable pH meter 1 Set

E-201F pH composite electrode 1 Piece

Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each

Power adapter DC 5V 2A(European plug model, GAT-0502000) 1 Piece

Electrode holder 2 Pieces

MicroUSB cable 1 Piece

Silicone rubber case (Installed on the host) 1 Piece

Wristband assembly (Small) 1 Piece

Operation quick guide 1 Piece

Instruction manual 1 Piece

Description

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Specifications

Model		PH-P110B
Parameters		pH/mV
pH	Range	-0.00 to 14.00pH
	Resolution	0.01pH
	Accuracy	±0.03 pH
	Calibration Points	Up to 2
	Auto Standard Recognition	NIST buffers
mV	Range	-1400.0 to 1400.0 mV
	Resolution	1 mV
	Accuracy	±0.2%FS
Measurement	Reading Mode	Continuous
	Reading Prompts	Reading, Stable
	Temp. Compensation	MTC
Inputs	pH Electrode	BNC(Q9)
Display options	Backlight	Yes
	Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off
	IP Rating	IP65
General	Electricity	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output
	Dimensions	80×225×35 mm
	Weight	400g

Portable pH Meter

PH-P210E



Features

- IP65 waterproof.
- 1-3 points calibration with Standard Recognition.
- 3.5-inch LCD display screen.
- Data capacity of up to 200 sets for each parameter.

Features

- 3.5-inch LCD display screen.
- Multi-reading feature allows auto-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data capacity of up to 200 sets for each parameter.
- Auto-power off feature effectively extends the battery service life.
- Reset feature automatically resumes all settings back to factory default options.
- IP65 waterproof.
- 1-3 points calibration with standard recognition.
- Automatic/Manual temperature compensation ensures accurate results



PH-P210E pH Meter 1 Set
E-301-QC 3 in 1 pH composite electrode 1 Piece
Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each
Power adapter DC 5V 2A(European plug model, GAT-0502000) 1 Piece
Electrode holder 2 Pieces
MicroUSB cable 1 Piece
Silicone rubber case (Installed on the host) 1 Piece
Wristband assembly (Small) 1 Piece
Operation quick guide 1 Piece
Instruction manual 1 Piece

Specifications

Model		PH-P210E
Parameters		pH/Temp.(mV)
pH	Range	-2.00 to 18.00 pH
	Resolution	0.01pH
	Accuracy	±0.01 pH
	Calibration Points	Up to 3
	Auto Standard Recognition	NIST buffers
mV	Range	-1999 to 1999 mV
	Resolution	1 mV
	Accuracy	±0.1%FS
Temperature	Range	-5 to 110 °C, 23 to 230 °F
	Unit	°C, °F
	Resolution	0.1
	Relative Accuracy	±0.2
Measurement	Reading Mode	Auto Read, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	200 results each
Inputs	pH Electrode	BNC(Q9)
	Temp. Probe	4-pin aviation connector
Display options	Backlight	Yes
	Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off
	IP Rating	IP65
General	Electricity	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output
	Dimensions	80×225×35 mm
	Weight	400g

Description

PH measurement has a wide range of applications. It is now widely used in colleges, environmental protection, medicine, food, health, geological exploration, metallurgy, marine exploration and other fields. PH measurement is required for common acid rain detection, surface water, industrial wastewater, drinking water, beverages, daily chemical products, textiles, etc.

Portable pH Meter

PH-P310F PH-P310T

Features

IP65 waterproof.(PH-P310F)
IP67 waterproof.(PH-P310T)

1-5 points calibration with Standard Recognition.

3.5-inch LCD display screen.(PH-P310F)
4.3-inch LCD display screen.(PH-P310T)

Support for USB communication.



PH-P310F PH-P310T

Features

- 3.5-inch LCD display screen.(PH-P310F)
- 4.3-inch LCD display screen.(PH-P310T)
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data capacity of up to 500 sets for each parameter (GLP-compliant).
- Support for USB communication.
- Auto-power off feature effectively extends the battery service life.
- Reset feature automatically resumes all settings back to factory default options.
- IP65 waterproof.(PH-P310F) IP67 waterproof.(PH-P310T)
- 1-5 points calibration with standard recognition.
- Selectable pH buffer groups, including NIST, DIN, GB,USA.
- Automatic electrode diagnosis with pH slope and offset display.

Specifications

Model		PH-P310F	PH-P310T
Parameters		pH/Temp.(mV)	
pH	Range	-2.00 to 20.00pH	
	Resolution	0.1, 0.01 pH	
	Accuracy	±0.01 pH	
	Calibration Points	Up to 5	
	Standard Customization	Yes	
	Standard Recognition	NIST, GB,USA and DIN buffers	
	Slope Limit	Yes	
mV	Range	-2000.0 to 2000.0 mV	
	Resolution	0.1	
	Accuracy	±0.3 mV or ±0.1%	
Temperature	Range	-5 to 110 °C, 23 to 230 °F	
	Unit	°C, °F	
	Resolution	0.1	
	Relative Accuracy	±0.2	
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous	
	Reading Prompts	Reading, Stable, Locked	
	Temp. Compensation	ATC, MTC	
Data management	Data Storage	500 results each	1000 Groups
	GLP Features	Yes	
Inputs	pH Electrode	BNC(Q9)	
	Temp. Probe	4-pin aviation connector	
Outputs	USB	PC, printer	
Display options	Backlight	Yes	
	Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off	
	IP Rating	IP65	IP67
	Date and Time	Yes	
General	Electricity	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output	
	Dimensions	W80×D255×H35 mm	90 x 255 x 40 mm
	Package Dimension (W*D*H)(mm)	W360×D300×H180mm	/
	G.W./N.W.(kg)	2.3kg/0.4kg	N.W.0.5kg

Description

PH measurement has a wide range of applications. It is now widely used in colleges, environmental protection, medicine, food, health, geological exploration, metallurgy, marine exploration and other fields. PH measurement is required for common acid rain detection, surface water, industrial wastewater, drinking water, beverages, daily chemical products, textiles, etc.

PH-P310F



PH-P310F pH Meter 1 Set
E-301-QC 3 in 1 pH composite electrode 1 Piece
Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each
Power adapter DC 5V 2A(European plug model, GAT-0502000) 1 Piece
Electrode holder 2 Pieces
MicroUSB cable 1 Piece
MicroUSB to DB25 printing cable 1 Piece
Silicone rubber case (Installed on the host) 1 Piece
Wristband assembly (Small) 1 Piece
Carrying case 1 Piece
Operation quick guide 1 Piece
Instruction manual 1 Piece



PH-P310T



PH-P310T pH Meter 1 Set
E-301-QC 3 in 1 pH composite electrode 1 Piece
Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each
Power adapter DC 5V 2A(European plug model, GAT-0502000) 1 Piece
Electrode holder 2 Pieces
MicroUSB cable 1 Piece
MicroUSB to DB25 printing cable 1 Piece
Touch pen (Capacitive screen) 1 Piece
Silicone rubber case (Installed on the host) 1 Piece
Wristband assembly (Large) 1 Piece
Carrying case 1 Piece
Operation quick guide 1 Piece
Instruction manual 1 Piece



Portable pH Meter

PH-P510T

Features

- IP67 waterproof.
- 1-8 points calibration with Standard Recognition.
- 4.3-inch color high contrast LCD touch screen
- Support for USB communication.



Features

- Color High contrast LCD touchscreen, 4.3 inches.
- Intelligent operation system provides features including user management, calibration management, electrode management, method management, data management, Log Management and etc. Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data Storage 1000 sets for each parameter (GLP-compliant).
- Data analysis feature helps user review, compare and recalculate results.
- Auto-power off feature effectively extends the battery service life.
- Reset feature automatically resumes all settings back to factory default options.
- IP67 waterproof. The portable meter is suitable for fields measurements and out door measurements.
- 1-8 points calibration with standard recognition.
- Selectable pH buffer groups, including USA, NIST, DIN, GB, MERK, JIS.
- User-defined pH buffer or buffer group is supported.
- Automatic electrode diagnosis with pH slope and offset display.

Specifications

Model		PH-P510T
Parameters		pH/Temp.(mV/ORP)
pH	Range	-2.000 to 20.000 pH
	Resolution	0.1, 0.01, 0.001pH
	Accuracy	±0.002 pH
	Calibration Points	Up to 8
	Standard Customization	Yes
	Calibration Reminder	Yes
	Standard Recognition	USA, NIST, MERK, JIS, GB and DIN buffers
	Slope Limit	Yes
mV/ORP	Range	-2000.00 to 2000.00 mV
	Resolution	0.1, 0.01 mV
	Accuracy	±0.1 mV or ±0.03%
	EH ORP Mode	Yes
	ORP Calibration Points	1 custom point (relative mV)
Temperature	Range	-10 to 135 °C, 14 to 275 °F
	Unit	°C, °F
	Resolution	0.1
	Accuracy	0.1
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	1000 Groups
	GLP Features	Yes
Inputs	pH Electrode	BNC(Q9)
	Temp. Probe	4-pin aviation connector
Outputs	USB	USB 2.0 flash memory device, PC, scanner
Display options	Backlight	Yes
	Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off
	IP Rating	IP67
	Date and Time	Yes
General	Electricity	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output
	Dimensions	90×255×40 mm
	Weight	500g

Description

PH measurement has a wide range of applications. It is now widely used in colleges, environmental protection, medicine, food, health, geological exploration, metallurgy, marine exploration and other fields. PH measurement is required for common acid rain detection, surface water, industrial wastewater, drinking water, beverages, daily chemical products, textiles, etc.



PH-P510T pH Meter 1 Set

E-301-QC 3 in 1 pH composite electrode 1 Piece
Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each
Power adapter DC 5V 2A(European plug model, GAT-0502000) 1 Piece
Electrode holder 2 Pieces
MicroUSB cable 1 Piece
OTG adapter cable (MicroUSB connector) 1 Piece
Touch pen (Capacitive screen) 1 Piece
Silicone rubber case (Installed on the host) 1 Piece
Wristband assembly (Large) 1 Piece
Carrying case 1 Piece
Operation quick guide 1 Piece
Instruction manual 1 Piece



Pocket pH Meter

PH-P10F PH-P10S PH-P10L



PH-P10F PH-P10S PH-P10L





Features

LCD

Waterproof pocket pH tester with an easy-to-read LCD display.

2 points push-button calibration with auto-buffer recognition.

Auto-Power Off effectively conserves battery life.

Hold function momentarily freezes reading for easy viewing and recording.

Replaceable electrode module reduces maintenance and replacement cost.

Waterproof feature to ensure complete protection in harsh environment.

Features & Applications

Flat surface pH-sensitive membrane is suitable for measuring the semi solids.



PH-P10F

- Food and beverage
- Skin and paper measurements

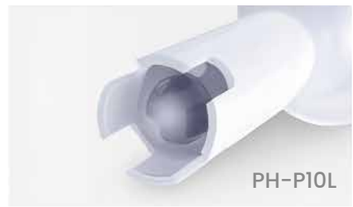
Circular pH-sensitive membrane fully senses the pH of liquids.



PH-P10S

- Swimming pool and spa
- Aquariums
- Education applications

Long-reach pH electrode is suitable for measuring the pH value of samples inside small containers.



PH-P10L

- Paint and dye testing
- Brewing and other industrial
- applications

Specifications

Model	PH-P10F	PH-P10S	PH-P10L
Range	0.0 to 14.0pH		
Resolution	0.1pH		
Accuracy	±0.1pH		
Calibration Points	2 points		
pH Buffer Options	USA (pH4.01/7.00/10.01)		
Hold Function	Manual		
Auto-Power Off	8 minutes after last key pressed		
Display	Single-line LCD (21×21mm)		
Power	3×1.5V LR44 micro alkaline batteries		
Battery Life	Approximately 150 hours of continuous use		
Dimensions	185(L)×40(Dia.)mm		240(L)×40(Dia.)mm
Weight	100g		
Package size	(W*D*H)300*110*60mm 0.4kg		

Pocket pH Meter

PH-P20F PH-P20S PH-P20L



PH-P20F PH-P20S PH-P20L



Features

Automatic temperature compensation ensures accurate readings over the entire range.

2 points push-button calibration with auto-buffer recognition.

Auto-Power Off effectively conserves battery life.

Hold function momentarily freezes reading for easy viewing and recording.

Replaceable electrode module reduces maintenance and replacement cost.

Waterproof feature to ensure complete protection in harsh environment.

Features & Applications

Economical pocket pH tester is equipped with a flat surface pH electrode.



PH-P20F

- Soil analysis
- Printing and cosmetics industries
- Other industrial applications

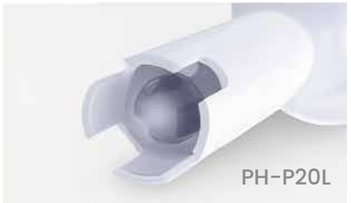
Economical pocket pH tester is equipped with a circular glass bulb electrode.



PH-P20S

- Water and wastewater treatment
- Research and education
- Environmental monitoring and other industrial applications

Economical pocket pH tester, 2 points calibration, Automatic Temperature Compensation. The meter is suitable for measuring the pH value of samples inside small containers, accuracy: 0.05pH.



PH-P20L

- Aquaculture and hydroponics
- Food and beverage
- Agriculture and other applications

Specifications

Model	PH-P20F	PH-P20S	PH-P20L
pH			
Range	0.00 to 14.00pH		
Resolution	0.01pH		
Accuracy	±0.05pH		
Calibration Points	2 points		
pH Buffer Options	USA (pH4.01/7.00/10.01)		
Temperature			
Range	0 to 60°C		
Resolution	1°C		
Accuracy	±1°C		
General Specifications			
Temperature Compensation	0 to 60°C, automatic		
Hold Function	Manual		
Auto-Power Off	8 minutes after last key pressed		
Display	Single-line LCD (21×21mm)		
Power	3×1.5V LR44 micro alkaline batteries		
Battery Life	Approximately 150 hours of continuous use		
Dimensions	185(L)×40(Dia.)mm		240(L)×40(Dia.)mm
Weight	100g		

Pocket pH Meter

PH-P30F PH-P30S PH-P30L



PH-P30F



PH-P30S



PH-P30L



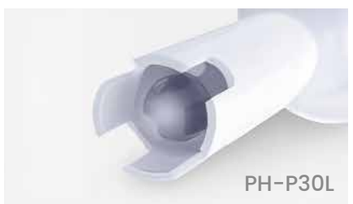
Features



Flat surface pH electrode is suitable for semisolids and flat surface pH measurements.



Circular glass bulb electrode fully senses the pH of liquids.



Long-reach pH electrode is suitable for measuring the pH value of samples inside small containers .

Features

- High-accuracy pocket pH tester with a dual display LCD.
- Auto-Read function senses and locks the measurement endpoint.
- Auto-Power Off effectively conserves battery life.
- Utomatic temperature compensation ensures accurate readings over the entire range.
- 1 to 3 points calibration with automatic recognition for USA and NIST buffers.
- Reset function automatically resumes all settings back to the factory defaults.
- Setup menu allows to set the pH buffer group, number of calibration points, temperature unit, etc.
- Replaceable electrode module reduces maintenance and replacement cost.
- Waterproof feature to ensure complete protection in harsh environments.

Specifications

Model	PH-P30F	PH-P30S	PH-P30L
pH			
Range	-1.00 to 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)		
Temperature			
Range	0 to 60°C/32 to 140°F		
Resolution	0.1°C/0.1°F		
Accuracy	±1°C/±1.8°F		
Offset Calibration	1 point		
Calibration Range	Reading ±10°C		
General Specifications			
Temperature Compensation	0 to 60°C/32 to 140°F, automatic		
Hold Function	Manual or auto-endpoint		
Auto-Power Off	8 minutes after the last key is pressed		
Display	Dual-line LCD (21×21mm)		
Power	2×1.5V AAA batteries		
Battery Life	Approximately 200 hours of continuous use		
Dimensions	185(L)×40(Dia.)mm		240(L)×40(Dia.)mm
Weight	100g		

Pocket pH Meter

PH-P40



BNC connector is capable of connecting the different types of pH electrodes.

Manual temperature compensation allows to adjust the temperature value.

Auto-Power Off effectively conserves battery life.

Setup menu allows to set the pH buffer group, number of calibration points, temperature unit, etc.

1 to 3 points calibration with auto-buffer recognition.

Auto-Read function senses and locks the measurement endpoint.

Reset function automatically resumes all set back to the factory defaults.

Features







Water and wastewater treatment
Aquaculture and hydroponics
Environmental monitoring and other industrial applications

Specifications

Model	PH-P40
Range	-1.00 to 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)
Temperature Compensation	0 to 100°C/32 to 212°F, manual
Hold Function	Manual or auto-endpoint
Auto-Power Off	8 minutes after last key pressed
Connector	BNC
Display	Dual-line LCD (21×21mm)
Power	2×1.5V AAA batteries
Battery Life	Approximately 200 hours of continuous use
Dimensions	175(L)×40(Dia.)mm
Weight	100g

Pocket pH Meter

PH-BT10





Description

1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers

Auto-Read function senses and locks the measurement endpoint

Password protection prevents the unauthorized calibration and settings

Automatic electrode diagnosis shows the pH slope and offset

Reset function automatically resumes all settings back to the factory defaults

Timed Interval Readings sends the measurement data to memory or printer

Multiparameter measurement allows up to be 3 testers connected to device and displays the measured values

Limit Alarm automatically alerts when reading exceeds the specified range

Calibration due alarm prompts user to calibrate the tester regularly

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

Features

Ordering Information

PH-BT10: Tester, pH buffer solutions and carrying case



Specifications

Model	PH-BT10
ph	
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
Temperature Compensation	0~100°C/32~212°F, automatic
Solution Temperature Coefficient	25°C
mv	
Range	+2000.0mV
Resolution	0.1,1mV, selectable
Accuracy	+0.2mV

Portable pH Meter

PH-W2



Description

This pH meter is ideal for aquariums, aquaculture, fish hatcheries, food processing, laboratories, paper industry, swimming pools, schools and universities.

Features



High-sensitivity glass probe

Special material glass electrode probe, accurate and fast signal transmission.



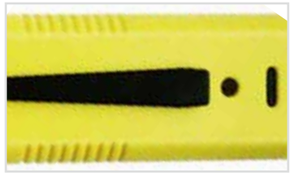
High-definition large screen display

The reading on the large screen is clearer and more intuitive, which is suitable for the needs of acid and alkali measurement in various industries.



LR44 button battery

The button battery is used for electricity, which is easy to replace and durable. Recalibration is required after replacing the battery.



Easy to use & Convenient to carry

Small in size, with a clip design on the back for easy portability

Specification

Model	PH-W2
Measuring Range	0.00~14.00pH
Measuring Resolution	0.01pH
Measuring Accuracy	±0.1pH
Matching Electrode	Fixed pH sensor
Automatic Temp. Compensation	0℃~50℃
Working Environment	0℃~50℃； RH≤95%
Battery	2×1.5V
Dimension	155×31×16mm
Net Weight	102g

Online pH Meter

PH-OL620



Description

1 to 3 points calibration with auto-buffer recognition

Selectable pH buffer set, including the USA and NIST options

Automatic temperature compensation ensures accurate readings over the entire range

Automatic electrode diagnosis helps the user decide whether to replace the sensor

Setup menu allows setting the number of calibration points, alarm limits, hysteresis value, 4 to 20mA output, etc.

Reset function automatically resumes all settings back to the factory defaults

Specifications

Model	PH-OL620
pH	
Range	-1.00-15.00pH
Resolution	0.01pH
Accuracy	±0.01pH
Calibration Points	1 to 3 points
pH Buffer Options	USA(4.01/7.00/10.01),NIST(4.01/6.86/9.18)
mV	
Range	±1000mV
Resolution	1mV
Accuracy	±1mV
Temperature	
Range	0~100°C/32~212°F
Resolution	0.1°C/0.1°F
Accuracy	±1°C/±1.8°F
Offset Calibration	1 point, reading ±10°C
Communication	
Signal Output	4-20mA
Load	Max. 500Ω
Low or High Alarm	0.00~14.00pH, selectable
Communication Interface	RS485
Connection Terminals	Detachable screw terminals
Other Specifications	
Temperature Compensation	0~100°C, automatic
Environmental Conditions	Ambient temperature <60°C, relative humidity< 80%
Power Requirements	DC24v
Dimensions	96(L)× 96 (W)×75(H)mm
Weight	350g

Electrode

Applicable Model:

PH-B500T、PH-B400F、PH-B300F、PH-B200E、PH-B200EM、
PH-B100B、PH-P510T、PH-P310T、PH-P310F、PH-P210E、PH-P110B

PH Electrode

Model	Application	pH Range	Fill Solution	Sensor Material	Working Temp.	Junction Material	Reference Type	Dimension	Connector Type
E-301-QC	three-in-one conventional sample pH electrode, plastic case can be charged	0 ~ 14	3 M KCl	Polycarbonate	5~60℃	Single fabric	Ag/AgCl	Φ12*120 mm	BNC(Q9)& 4-pin aviation
963201	3 in1 pH Combination High-Precision Electrode	0 ~ 14	3 M KCl	Glass	0~80℃	Ceramic	Longlife Ref.	Φ12*120 mm	BNC(Q9)& 4-pin aviation
963224	3 in1 Combination High-Temperature Resistant Electrode	0 ~ 14	3 M KCl	Glass	0~100℃	Ceramic	Longlife Ref.	Φ12*120 mm	BNC(Q9)& 4-pin aviation
963221	3 in1pH composite electrode (Low conductivity)	0~11	3 M KCl	Glass	0~80℃	Unmovable glass grinding mouth	Longlife Ref.	Φ12*120 mm	BNC(Q9)& 4-pin aviation
E-201-C	2-in-1 conventional sample pH electrode	0 ~ 14	3 M KCl	Polycarbonate	5~60℃	Single fabric	Ag/AgCl	Φ12*120 mm	BNC(Q9)
E-201-F	2-in-1 regular sample pH electrode with rechargeable plastic case and removable protective corner	0 ~ 14	3 M KCl	Polycarbonate	5~60℃	Single fabric	Ag/AgCl	Φ12*120 mm	BNC(Q9)
E-201	2-in-1 pH electrode, in addition to common measurement samples, it is also suitable for the measurement of highly polluted samples	0 ~ 14	unfillable	Polycarbonate	5~60℃	Single polyformal-dehype (POM)	Ag/AgCl	Φ12*120 mm	BNC(Q9)
E-201-Z	Conical, with stainless steel protective sleeve, suitable for measurement of special samples such as soil pH	0 ~ 10	unfillable	POM	5~60℃	Single polyformal-dehype (POM)	Ag/AgCl	Φ16*150 mm	BNC(Q9)
E-201-P	Flat, suitable for measurement of flat samples	0 ~ 14	3 M KCl	Polycarbonate	5~60℃	Single fabric	Ag/AgCl	Φ12*120 mm	BNC(Q9)
65-1C	pH composite electrode	0 ~ 14	3 M KCl	Glass	5~60℃	Single ceramic	Ag/AgCl	Φ12*120 mm	BNC(Q9)
231-01	Indicating electrode, with reference electrode type 232-01, suitable for measurement of low conductivity samples under closed static conditions	0 ~ 14	/	Glass	5~60℃	/	/	Φ12*120 mm	S7
962201	Applicable to common water samples, accuracy 0.01pH	0 ~ 14	3 M KCl	Glass	0~80℃	Ceramic	Longlife Ref.	Φ12*120 mm	BNC(Q9)
962102	Suitable for highly polluting samples such as emulsions, suspensions, and VIScous liquids	0 ~ 14	3 M KCl	Epoxy	0~80℃	movable plastic grinding mouth	Longlife Ref.	Φ12*120 mm	BNC(Q9)
962103	Suitable for common water samples and general pollution samples;	0 ~ 14	unfillable	Polycarbonate	0~80℃	Open	Longlife Ref.	Φ12*120 mm	BNC(Q9)
962221	pH composite electrode (Ultrapure water)	0 ~ 11	3 M KCl	Glass	0~80℃	Unmovable glass grinding mouth	Longlife Ref.	Φ12*185mm	S7
962121	pH composite electrode (Low conductivity)	0 ~ 11	unfillable	Epoxy	0~80℃	Porous PTFE	Longlife Ref.	Φ12*120 mm	S7
962241	Suitable for solidstate semi-solid piercing	0 ~ 14	3 M KCl	POM&316 steel	0~60℃	Ceramic	Longlife Ref.	Φ11*80 mm (Measuring tip)	BNC(Q9)
962242	Suitable for surface or droplet samples	1~ 12	3 M KCl	Glass	0~60℃	Unmovable glass grinding mouth	Longlife Ref.	Φ12*120 mm	S7
962244	Suitable for trace samples above 0.2mL, or small diameter containers;	0 ~ 14	3 M KCl	Glass	0~60℃	Ceramic	Longlife Ref.	Φ6*100 mm (Measuring tip)	S7
962243	pH composite electrode (Long)	0 ~ 14	3 M KCl	Glass	0~80℃	Ceramic	Longlife Ref.	Φ12*260mm	S7
962223	pH composite electrode (RoHS)	0 ~ 14	3 M KCl	Lead-free glass	0~80℃	Ceramic	Longlife Ref.	Φ12*120 mm	S7
962224	pH composite electrode (High Temp.resistance)	0 ~ 14	3 M KCl	Glass	0~100℃	Ceramic	Longlife Ref.	Φ12*120 mm	S7
962245	pH composite electrode (Alkali resistance)	0 ~ 14	3 M KCl	Glass	0~80℃	Ceramic	Longlife Ref.	Φ12*120 mm	S7
962246	pH composite electrode (HF Acid resistance)	0 ~ 14	3 M KCl	Glass	0~100℃	Ceramic	Longlife Ref.	Φ12*120 mm	S7

ORP Electrode

Model	Name	Fill Solution	Sensor Material	Working Temp.	Junction Material	Reference Type	Dimension	Connector Type
501	ORP Electrode	3 M KCl	Glass	5~70℃	Ceramic	Ag/AgCl	Φ12*120 mm	BNC(Q9)

Temperature Electrode

Model	Measurement Range	Connector Type	Sensor Material	Dimension	Temp. Compensation Unit
T-818-Q	-5~105 ℃	4-pin aviation	316 stainless steel	Φ4×120 mm	2.25KΩ

Reference Electrode

Model	Type of Electrode	Fill Solution	Work Temperature	Junction Material	Sensor Material	Dimension	Connector Type
232-01(Titrator) 232-01-X(pH/ISE meter)	Saturated single junction calomel electrode	Saturated KCl solution	5~55 ℃	ceramic	Glass	Φ12×120 mm	U Shape——Titrator Banana 2mm——pH/ISE meter BNC(Q9)
217-01(Titrator) 217-01-X(pH/ISE meter)	Saturated double junction calomel electrode	Fill SolutionSaturated KCl solution(inner solution) + solution(Flexible choose)	5~55 ℃	ceramic	Glass	Φ12×120 mm	U Shape——Titrator Banana 2mm——pH/ISE meter BNC(Q9)



Electrode

Applicable Model:
PH Electrode (PH-B25CW、BEP-M920、PH-P40、BEP-M221);
ORP and Temperature Electrode (BEP-M920、BEP-M221);
Industrial pH Electrode (PH-OL620);

PH Electrode

Model	Application	pH Range	Operating Temp.	Reference	Liquid Junction	Body Type	Connector	Dimensions
E201-BNC	General purpose, suitable for measuring aqueous solutions	0~14	0~60°C	AgCl, single junction	Fiber	Epoxy	BNC, 1 m cable	120(L)×12(Ø)mm
E202-BNC	Flat surface, suitable for measuring semisolid, gel and viscous samples	0~14	0~60°C	AgCl, single junction	Teflon	Epoxy	BNC, 1 m cable	110(L)×12(Ø)mm
E203-BNC	3-in-1 pH electrode with built-in temperature sensor, suitable for outdoor applications	0~14	0~60°C	AgCl, single junction	Fiber	Epoxy	BNC, 1 m cable	120(L)×12(Ø)mm
E204-BNC	Suitable for measuring general and mildly corrosive solutions	0~14	0~80°C	Ag/AgCl, single junction	Annular ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm
E205-BNC	Suitable for piercing and measuring soft solids	0~14	0~80°C	Ag/AgCl, single junction	Frit ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm
E206-BNC	Suitable for measuring samples in test tubes	0~14	0~80°C	Ag/AgCl, single junction	Annular ceramic	Glass	BNC, 1 m cable	50(L)×12(Ø)mm / 80(L)×5(Ø)mm
E207-BNC	Suitable for measuring non-aqueous solutions or organic solvents	0~14	0~80°C	Ag/AgCl, double junction	Annular ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm
E208-BNC	Suitable for measuring strong acid and strong alkaline solutions	0~14	0~80°C	Ag/AgCl, single junction	Annular ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm
E209-BNC	Suitable for measuring solutions containing hydrofluoric acid	0~12	0~80°C	Ag/AgCl, double junction	Frit ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm
E210-BNC	Suitable for measuring high temperature solutions (<130°C)	0~12	0~130°C	Ag/AgCl, double junction	Frit ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm
E211-BNC	Suitable for measuring pure water	0~14	0~80°C	AgCl, single junction	Frit ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm
P11	Suitable for measuring general and mildly corrosive solutions	0~14	0~80°C	Ag/AgCl, single junction	Annular ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm
P11-LiCl	Suitable for measuring non-aqueous solutions	0~14	0~80°C	AgCl, double junction	Annular ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm
P11-HA	Suitable for measuring high alkalinity solutions	0~14	0~80°C	Ag/AgCl, single junction	Annular ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm
P13	Suitable for measuring micro-volume samples	0~14	0~100°C	Ag/AgCl, single junction	Frit ceramic	Glass	BNC, 1 m cable	90(L)×4.3(Ø)mm
P15	Suitable for measuring low conductivity solutions	0~11	0~50°C	Ag/AgCl, double junction	Annular ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm
P16	Suitable for measuring solutions with Tris buffer	0~14	0~80°C	Ag/AgCl, double junction	Frit ceramic	Glass	BNC, 1 m cable	90(L)×6(Ø)mm
P19	suitable for piercing and measuring the semisolids and soft solids	0~14	0~80°C	Ag/AgCl, single junction	Frit ceramic	Glass	BNC, 1 m cable	40(L)×6(Ø)mm
P21	suitable for measuring the colloids	0~14	0~100°C	Ag/AgCl, double junction	Glass sleeve	Glass	BNC, 1 m cable	120(L)×12(Ø)mm

ORP Electrode

Model	Sensor Type	Application	Operating Temp.	Reference	Liquid Junction	Body Type	Connector	Dimensions
E501	Platinum pin	Suitable for measuring liquids with strong redox potential	0~60°C	Ag/AgCl	Teflon	Epoxy	BNC, 1 m cable	120(L)×12(Ø)mm
E502	Platinum band	Suitable for measuring liquids with weak redox potential	0~60°C	Ag/AgCl	Teflon	Epoxy	BNC, 1 m cable	120(L)×12(Ø)mm
E504	Platinum band	Suitable for measuring mildly corrosive liquids	0~80°C	Ag/AgCl	Annular ceramic	Glass	BNC, 1 m cable	120(L)×12(Ø)mm

Temperature Electrode

Model	Material	Sensor	Measuring Range	Operating Temperature	Connector	Cable Length	Weight	Dimensions
TP-10K	Stainless Steel	NTC 10KΩ	0~105°C	0~50°C	3.5 mm audio jack	1m	25 g	120(L)×3(Ø)mm

Industrial pH Electrode

Model	Features	pH Range	Operating Temp.	Reference	Liquid Junction	Body Type	Cable Length	Dimensions
IE-20T	General purpose pH electrode with built-in temperature sensor, 3/4 inch thread for easy installation	0~14	0~60°C	Ag/AgCl	Teflon	PPS/PC	5 m	150(L)×29.5(Ø)mm



E201-BNC



E202-BNC



E205-BNC



E206-BNC



IE-20T



P11



P13



P19