

PH METER



BR-PH-502 PH METER

pH meter is an analytical instrument that measure the hydrogen-ion activity in water-based solutions, indicating its acidity or alkalinity expressed as pH. It is widely used in various fields such as universities, environmental protection, pharmacy, food, agriculture, hygiene, geological prospecting, metallurgy, and ocean.

FEATURES:

- Fully automatic or manual temperature compensation.
- Support 1~5 calibration points storage.
- Auto identify 5 groups of buffer solutions and support user-set 5 points per group.
- Fully automatic display slope and usage status.
- One-key Calibration, Optional with 2 kinds of endpoints.
- Stabilization icon indicates the reading has stabilized.
- Synchronously display pH, temperature and buffers value.
- Reading measurement value directly by pH, mV or Rel.Mv.
- With power-off protection, data never lost.
- PH mV and Rel.mV is selectable
- Auto buffer solutions recognition

- Electrode slope preview and intuitive graphics calibration curve.
- Statistics function allows users to summarize, review, analyse, Compare and preserve the measuring results.

TECHNICAL PARAMETERS

MODEL		BR-PH-502
Grade		0.01
Display		5.0 inch LCD screen
Measurement Mod		pH/mV (ORP)/Rel.mV
pH	Meas. Range	-2.00~20.00pH
	Resolution	0.01 pH
	Accuracy	±0.01 pH
mV	Meas. Range	-2000.0 ~ 2000.0 mV
	Resolution	0.1 mV
	Accuracy	±1 mV(±0.05%FS)
		±1 mV (±0.05%FS)
		20.0μ S/cm ~ 199.9μ S/cm 200μ
		S/cm ~ 1999 μ S/cm
		200 mS/cm ~ 3000 mS/cm
Calibration		Support auto temperature compensation. Built-in 5 groups&25 kinds of buffers, auto recognition. Support custom 1~5 points CAL.
Memory		1000measurements,Conforms to GLP requirement,
Data Transfer		RS232, USB, Optional with printer
Power		9~12V
pH Input		BNC, Impedance >3x10 ¹² Ω
TEMP Input		Cinch, NTC 30KΩ
Ending Mode		Automatic/Manual Optional
Extensions		Continuous measuring mode, Dynamic curve display pH vs No./ mV vs No.
Housing Dimension		250 x 165 x 65 mm
Functional Nomenclature		Multi Parameter water quality analyzer
Ingress Protection		IP 56
Ingress Protection		Automatic
DO		No
pH		Yes
Ammonium		Yes
Chloride		Yes

BR BIOCHEM LIFE SCIENCES PVT. LTD.

06, S.F. Gopal Nagar , Fateh Nagar, New Delhi-110018 ,India

Ph: +91 11 43033662/4, +91 8860082777

EMAIL: info@brbls.com | www.brbls.com



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