

# BENCHTOP pH/CONDUCTIVITY/TDS/SALINITY METER

## PART No. 0445-HR55



- Equipped with glass pH electrode, using a special gelation process, the solution inside the electrode will not flow, no air bubbles even when inverted, and the electrode glass adopts a thick film process, so there is no need to worry about the sphere rupture caused by ordinary collision
- Equipped with rugged platinum-black conductivity electrode (K=1), rugged platinum-black coating, not only increases the surface area of the electrode and reduces the polarisation effect, but also improves the adhesion of the platinum-black to the metal, corrosion-resistant POM housing, built-in thermistor, automatic temperature compensation
- GLP data storage and management, USB data output
- Automatic calibration, with calibration guidance and automatic inspection function
- Recognize standard solutions automatically
- Manual and automatic temperature compensation functions for more accurate measurement
- Equipped with flexible electrode holder, easy to operate with one hand

### STANDARD DELIVERY

Main unit	1 pc
pH calibration solution	3 bottles (USA)
Conductivity calibration solution	3 bottles
Power adapter	1 pc
Glass pH electrode	1 pc
Plastic conductivity electrode	1 pc
Temperature electrode	1 pc
Flexible electrode holder	1 pc
Software	1 set
USB cable	1 pc



conductivity calibration solution (included)



pH calibration solution (included)

## SPECIFICATION

pH	range	-2.00~20.00pH
	resolution	0.1/0.01pH
	accuracy*	± (0.01pH+1d)
	temperature compensation	0°C~100°C (manual or automatic)
	calibration mode	1~3 points
	calibration point	USA (4.00, 7.00, 10.01) NIST (4.01, 6.86, 9.18) China series, user-defined solutions
mV	range	-2000mV~+2000mV
	resolution	1mV
	accuracy*	± (0.1%FS+1d)
Conductivity	range	(0.00~19.99)μS/cm, (20.0~199.9)μS/cm (200~1999)μS/cm, (2.00~19.99)mS/cm (20.0~199.9)mS/cm
	resolution	0.01/0.1/1μS/cm, 0.01/0.1mS/cm
	accuracy*	± (1.0%FS+1d)
	temperature compensation	0°C~50°C (manual or automatic)
	calibration mode	1~4 points
	electrode constant	0.1/1/10cm <sup>-1</sup>
TDS	range	(0~100)g/L
	resolution	0.01/0.1/1mg/L, 0.01/0.1g/L
	accuracy*	± (1.0%FS+1d)
	TDS conversion factor	0.40~1.00
Temperature	range	32°F~212°F
	resolution	.2°F
	accuracy*	± (.9°F+1d)
Salinity	range	(0~100)ppt
Data storage		200 groups of USB data
Power supply		AC/DC adapter (9V)
Dimension (L×W×H)		7.68×8.46×3.94"
Net weight		2.09lb

\*d is the resolution