

# BENCHTOP WATER TESTER



86505

## Benchtop PH/ORP/COND./TDS/SALT 86501/86502/86503/86504/86505

- Durable electrode holder for left & right side placement
- Auto or manual temperature compensation
- Auto ranging or manual ranging
- Up to 5 points calibration points. Calibration & electrode information review
- Measuring parameters of each model:  
86501:pH & mV & Temp.  
86502:pH & mV & ORP & Temp.  
86503:Cond.&Temp.  
86504:pH & mV & ORP & Cond.& Temp.  
86505:pH & mV & ORP & Cond.& TDS & Salt & Temp.



86501

86502

86503

86504



Model	86501	86502	86503	86504	86505
pH range	0.00~14.00		N/A		0.00~14.00
pH accuracy	+/-0.02		N/A		+/-0.02
pH resolution	0.01		N/A		0.01
mV range	+/-1999mV		N/A		+/-1999mV
mV accuracy	+/-0.2mV(-199.9~199.9mV) or +/-2mV(others)		N/A		+/-0.2mV(-199.9~199.9mV) or +/-2mV(others)
mV resolution	+/-0.1mV(-199.9~199.9mV) or +/-1mV(others)		N/A		+/-0.1mV(-199.9~199.9mV) or +/-1mV(others)
Cond. range	N/A			0~19.99, 0~199.9, 0~1999uS/cm; 0~19.99, 0~199.9mS/cm	
Cond. accuracy	N/A			+/-1% F.S +/- 1 digit	
Cond. resolution	N/A			0.05% of Full Scale	
TDS range	N/A		N/A		0~19.99, 0~199.9, 0~1999ppm; 0~19.99, 0~199.9ppt
TDS accuracy	N/A		N/A		+/-1% F.S +/- 1 digit
TDS resolution	N/A		N/A		0.05% of Full Scale
Salinity range	N/A		N/A		0~11.38ppt 0~80.0ppt(NaCl)
Salinity accuracy	N/A		N/A		+/-1% F.S +/- 1 digit
Salinity resolution	N/A		N/A		0.1
TDS Factor	N/A		N/A		0.3~1.00
Temp. coefficient	N/A			0~10.0%/°C	
Temp. range			0~80.0°C		
Temp. accuracy			+/-0.5°C		
Temp. resolution			0.1		
Compatible probe	PH	PH ORP	COND.	PH ORP COND.	PH ORP COND.
LCD size(mm)	40(H)x105(W)				
Operating temp.&RH%	0~50°C, Humidity<80%				
Storage temp.&RH%	-20~60°C, Humidity < 90%				
Dimension(mm)	260(L)x168(W)x58(H)				
Weight	150g				
Power	9V adaptor				

Standard Package Meter/ USA plug type adaptor/manual/probe/ solution/cable/software CD/probe stand

### Probe list in standard package:

	86501	86502	86503	86504	86505
PH	✓	✓		✓	✓
COND.			✓	✓	✓

### Optional:

**4 PLUG UNIVERSAL ADAPTOR** P/N:VB1099EX  
**ORP Probe**  
 P/N:VZ850PAZ (Pt Pin type)  
 P/N:VZ86P5AZ (Pt Band type)

### Ordering Code

VZ86501AZ, 86501 meter+ probe set  
 VZ86502AZ, 86502 meter+ probe set  
 VZ86503AZ, 86503 meter+ probe set  
 VZ86504AZ, 86504 meter+ probe set  
 VZ86505AZ, 86505 meter+ probe set  
 For changing to VB1099EX, it is VZxxxxAZ1  
 VZ86P4AZ, low ion pH probe