



## Benchtop PH/ORP/COND./TDS/SALT 86551/86552/86553/86554/86555

- 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:  
86551:pH & mV & Temp.  
86552:pH & mV & ORP& Temp.  
86553:Cond.&Temp.  
86554:pH & mV & ORP &Cond.& Temp.  
86555:pH & mV & ORP &Cond.& TDS & Salt &Temp.



PC Link



DC jack



Printer



HOLD



MAX/MIN



Manual Logging



Auto Temp. Compensation



Metric/Imperial



86551



86552



86553



86554



### Ordering Code

VZ86551AZ, 86551 meter+ probe set

VZ86552AZ, 86552 meter+ probe set

VZ86553AZ, 86553 meter+ probe set

VZ86554AZ, 86554 meter+ probe set

VZ86555AZ, 86555 meter+ probe set

VM68898A, paper roll

Find more part numbers in pH probe page

| Model               | 86551                                      | 86552                    | 86553                                                | 86554        | 86555                                            |
|---------------------|--------------------------------------------|--------------------------|------------------------------------------------------|--------------|--------------------------------------------------|
| 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)       |                                            | 317(L)x169(W)x56.8(H)    |                                                      |              |                                                  |
| Weight              |                                            | 200g                     |                                                      |              |                                                  |
| Power               |                                            | 4pcs AA or 9V adaptor    |                                                      |              |                                                  |

Standard Package Meter/ batteries/manual/probe/ solution/cable/software CD/probe stand/thermo paper

### Probe list in standard package:

|       | 86551 | 86552 | 86553 | 86554 | 86555 |
|-------|-------|-------|-------|-------|-------|
| PH    | ✓     | ✓     |       | ✓     | ✓     |
| COND. |       |       | ✓     | ✓     | ✓     |

### Optional:

**3 PLUG UNIVERSAL ADAPTOR** P/N:VB1099EX

**ORP Probe**

P/N:VZ850PAZ (Pt Pin type)

P/N:VZ86P5AZ (Pt Band type)

**PAPER ROLL** P/N:VM68898A (58mm x20m x40mm)