

**BENCHTOP pH/mV/COND./TDS/SALT/TEMP W/BUILT-IN PINTER  
Model : AZ-86555**



- PROGRAMMABLE PRINTING BENCHTOP pH/mV/CONDUCTIVITY WITH TEMP. & REAL TIME CLOCK STAMPED.
- EASY & CONVENIENT TO OPERATE PRINTING CONDITION BY PRESSING BUTTONS ON THE UNIT.
- POWERED BY BATTERIES FOR PORTABLE AROUND OR ADAPTOR FOR CONTINUOUSLY LONG TIME USING SUPER LARGE LCD MULTI-DISPLAY.
- AVAILABLE EITHER LEFT OR RIGHT SIDE ELECTRODE STAND PLACEMENT .
- COLLECT DATA VIA RS232 BY LINKING WITH A PC .
- AUTOMATIC BUFFER RECOGNITION FOR CALIBRATION.

**FEATURE**

- Maximum 5 points calibration.
- Hold function freezes the current readings.
- Max/Min review the memorized data.
- Reliable probes W/Temp. Compensation
- Convenient to view calibration info of probe
- Ready indicator show on LCD selectable
- Stores up to 99 memories stamped W/Real time
- Automatic or manual Temp. Compensation

## SPECIFICATION

Conductivity range :	0~19.99, 0~199.9, 0~1999 uS/cm 0~19.99mS/cm, 0~199.9mS/cm
Conductivity accuracy :	$\pm(1\% \text{ F.S.} + 1 \text{ digit})$ Under good calibration
Conductivity resolution :	0.01uS / 0.1uS / 1uS/0.01mS / 0.1mS
Conductivity cell constant :	1.0
mV range :	-1999~+1999mV.
mV accuracy :	$\pm 0.2\text{mV}$ ( $\pm 199.9\text{mV}$ ) or $\pm 2 \text{ mV}$ ( other range )
mV resolution :	0.1mV( $\pm 199.9\text{mV}$ ) or 1mV ( other range)
pH range :	0.00~14.00
pH resolution :	0.01pH.
pH accuracy :	$\pm 0.02\text{pH}$ .
TDS range: (f:TDS conversion factor)	0.00~(19.99*f)ppm, 0.0~(199.9*f)ppm, 0~(1999*f)ppm , 0.00~(19.99*f)ppt, 0.1~(199.9*f)ppt
TDS accuracy :	$\pm(1\% \text{ FS} + 1 \text{ digit})$
TDS resolution :	0.01/0.1/1ppm,0.01/0.1ppt
Salinity range :	0~11.38ppt , 0~80.0ppt(Based on NaCl)
Salt accuracy :	$\pm(1\% \text{ FS} + 1 \text{ digit})$
Salt resolution :	0.01ppt , 0.1ppt
Temperature (TpH & Tcond) :	-5~80°C(23.0~176.0°F)
Temperature accuracy :	$\pm 0.5^\circ\text{C}$ ( $\pm 0.9^\circ\text{F}$ )
Cond-TDS conversion factor :	0.300-1.000
Cond/Temperature coefficient:	0.0 to 10.0% per °C
Normalization Temperature:	15.0 to 30.0°C(adjustable)
Power :	AA bat. x 4pcs or 9 VDC adaptor <10mA (Opt.)
Operating Temperature :	5~40°C(41~104°F)
Operating RH :	Up to 95% without condensation
Storage Temperature :	-20~60°C(-4~104°F)
Storage RH :	Up to 95% without condensation
Memo drawer where the operation manual is placed	
Dimension :	260 x 169 x 568 mm (LxWxT)
Weight :	150g Approx. (meter only)
Thermo-paper size :	57mmx20Mx40@
Standard packing and accessories :	
(Hard paper box) Operation manual, batteries AA size x4pcs , RS232 cable+software, pH electrodes and electrode arm 865H.	