

pH Meters

Bench Multiparameter Meters, HI-5521, HI-5522

HANNA

- ◆ Dual channel models measuring pH, mV, conductivity, TDS, resistivity and salinity (HI5522 also measures ISE), with separate temperature input
- ◆ Up to 5 calibration points with standard or custom buffers selectable
- ◆ Capacitive touch keypad and large dot matrix colour LCD readout
- ◆ USB output
- ◆ GLP data features include logged graphical data output, calibration data, ID, date and time
- ◆ Cal Check™ feature monitors readings, electrode and buffer performance and warns if out of range

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As described. Supplied complete with pH electrode, EC/TDS probe (0.0500 to 200.0 cell constant), temperature probe, pH4 and pH7 buffer solutions, electrode holder, instructions and 12V d.c. mains adapter. A 230V 50/60Hz supply is required for the adapter.

- PJ868-17** HI-5521, complete
PJ868-57 HI-5522, complete

Spares and accessories

- PJ862-08** Spare glass bodied electrode
PJ862-22 Spare temperature probe
PJ862-24 Spare EC/TDS probe
PJ857-34 Data transfer software

Model	HI-5521	HI-5522
Range (resolution)	pH	-2.00 to 20.00 or -2.00 to 20.00 (0.1; 0.01; 0.001) — both models
	mV	±2000.0 (0.1) — both models
	EC	0.000 to 9.999µS (0.001), 10 to 99.99µS (0.01), 100 to 999.9µS (0.1), 1.000 to 9.999mS (0.001), 10.00 to 99.99mS (0.01), 100.0 to 1000.0mS (0.1) — both models
	TDS	0.000 to 9.999ppm (0.001), 10 to 99.99ppm (0.01), 100 to 999.9ppm (0.1), 1.000 to 9.999ppt (0.001), 10.00 to 99.99ppt (0.01), 100.0 to 400.0ppt (0.1) actual TDS (with 1.00 factor) — both models
	resistivity	1.0 to 99.9ohm/cm, 100 to 999ohm/cm, 1.00 to 9.99kohm/cm, 10.0 to 99.9kohm/cm, 100 to 999kohm/cm, 1.00 to 9.99Mohm/cm, 10.0 to 100.0Mohm/cm — both models
	salinity	Practical scale: 0.00 to 42.00psu; natural sea water scale: 0.00 to 80.00ppt; % scale: 0.0 to 400.0% NaCl — both models
Accuracy	conc.	— 1 x 10 ⁻⁷ to 9.99 x 10 ¹⁰ (1; 0.1; 0.01; 0.001)
	°C	-20.0 to +120.0 (0.1) — both models (°F, °K selectable)
Calibration (automatic)	pH	±0.1; 0.01; 0.002; ±1 sig. digit — both models
	mV	±0.02 ±1 significant digit — both models
	EC	±1% of reading (±0.01µS) — both models
	TDS	±1% of reading (±0.01ppm) — both models
	resistivity	±2% of reading (±1ohm/cm) — both models
	salinity	±1% of reading
Temp. compensation °C	conc.	— ±0.5% (mono-) ±1% (di-) ±1.0% (trivalent ions)
	°C	±0.2 ±0.2
Data logger	pH	Up to 5 points with 8 memorised buffers (pH 1.68, 3.00, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45) + 5 custom values — both models
	EC	Automatic standard recognition — both models
	salinity	% scale-one point — both models
	ISE	— Up to 5 points, 0.1, 1, 10, 100, 1000 conc. + 5 custom values
Temp. compensation °C	Automatic or manual, from -20.0 to +120.0°C — both models	
Data logger	Up to 100,000 data point storage per channel — both models	
Output	Opto-isolated USB — both models	
Power	12V d.c. mains adapter — both models	
Overall L x W x H mm	231 x 160 x 94 — both models	
Weight kg	1.2 — both models	



PJ868-17 in use



PJ868-57 in use