

# pH Meters

## Bench Meters 3500 series



Two, easy to use, bench meters covering basic, routine or research laboratory requirements.

Model		3510	3520
Range	pH	-2 to +19.999	-2 to +20.000
	mV	-1999 to +1999	-1999 to +1999
	°C (°F)	-10 to +105 (+14 to +221)	-10 to +105 (+14 to +221)
Resolution	pH	0.001/0.01/0.1	0.001/0.01/0.1
	mV	0.1	0.1/1
	°C (°F)	0.1 (1)	0.1 (1)
Accuracy	pH	±0.003	±0.003
	mV	±0.2	±0.2
	°C (°F)	±0.5 (±1)	±0.5 (±1)
Temperature comp.		0 to 100°C, manual or automatic — all models	
Input impedance	ohms	>10 <sup>12</sup>	
Calibration		1 or 2 point Manual or ATC buffers to DIN19266, JIS Z8802 and NIST	1, 2 or 3 point Manual or ATC buffers to DIN19266, JIS Z8802 and NIST
Outputs		Analogue recorder – buffered electrode output Bi-directional RS232	Analogue recorder – buffered electrode output Bi-directional RS232 Infra-red data link (IrDA)
Alarm Points		—	-2.000 to +20.000
Memories		32 readings	500 readings
Display		Custom back-lit LCD	Back-lit graphics LCD
Power		9V a.c. adapter — all models	
Overall H x W x D	mm	55 x 210 x 250	55 x 210 x 250
Weight	kg	0.85	0.85

### pH Meter, bench, Model 3510

As described. Routine model with push-button controls, simultaneous pH or mV and temperature readout and 1, 2 or 3 point calibration. Supplied with glass bodied pH combination electrode, separate ATC probe, swing arm electrode holder, RS232 interface, instruction manual, pH4, pH7 and pH10 buffers and an a.c. adapter requiring a 230V 50/60Hz supply.

**PJ500-22** Model 3510

### pH Meter, bench, Model 3520

As described. Research model with push-button controls, simultaneous pH or mV and temperature readout, real time clock, GLP support functions, alarm outputs, multi-language operation and 1, 2 or 3 point calibration. Supplied with glass bodied combination pH electrode, separate ATC probe, swing-arm electrode holder, RS232 interface, infra-red data link (IrDA), instruction manual, pH4, pH7 and pH10 buffers and an a.c. adapter requiring a 230V 50/60Hz supply.

**PJ550-40** Model 3520

### Spares and Accessories

#### Combination electrodes

**PJ364-08** Epoxy bodied

**PJ554-08** Glass bodied

**PJ554-19** ATC probe,  
for all models

**PJ554-70** 9V a.c. adapter with  
UK connector. Requires  
a 230V mains supply

IrDA or serial connection printer. Supplied with one roll of thermal paper, serial connection lead, power supply and power connection lead\*.

**CU656-25** Printer

**CU656-27** Thermal paper roll, supplied singly

\*Not suitable for use with Model 3505.

DataWay data acquisition software for downloading data from instruments onto the users' PC.

**CU656-54** Software



PJ550-40 in use, PJ500-22 is similar