

Model 3510 pH/mV/Temperature Meter



- 3 decimal place pH resolution**
- 3 point pH calibration**
- Choice of pH calibration buffer types**
- Differential pH input**
- 32 reading memory**
- RS232 serial interface**
- Analogue recorder output (buffered electrode potential)**
- Wall mounting option**
- Back lit custom liquid crystal display**

A general purpose pH/mV/temperature bench meter for use in laboratory situations. The meter supports 1, 2 or 3 point pH calibration on either manually entered pH buffer values or automatically temperature compensated buffers to DIN 19 266, JIS Z 8802 and NIST. The instrument includes a 32 reading memory facility.

Technical Specifications

pH

Range	-2.000 to 19.999pH
Resolution	0.001/0.01/0.1pH
Accuracy	±0.003pH

mV

Range	±1999.9mV
Resolution	0.1mV
Accuracy	±0.2mV
Input Impedance	>10 ¹² ohms

Temperature

Range	-10 to +105°C (14 to 221°F)
Resolution	0.1°C (1°F)
Accuracy	±0.5°C (±1°F)
ATC Range	0 to 100°C (32 to 212°F)
Manual Temp. Comp.	0 to 100°C (32 to 212°F)
Auto Buffer selection	Jenway (2.00, 4.00, 7.00, 9.20, 10.00) / DIN (3.06, 4.65, 6.79, 9.23, 12.75) NIST (1.68, 4.01, 6.87, 9.18, 12.45) / JIS (1.68, 4.01, 6.87, 9.18, 12.45) or manually entered buffers
Calibration	1, 2 or 3 point pH
Outputs	Analogue / RS232
Display	Back lit custom LCD
Power	9V power supply
Size / Weight	210x250x55mm / 850g

Ordering Information

- 351 001** Model 3510 supplied with glass bodied combined pH electrode with ATC (924 005), ATC probe (027 500), electrode holder, BNC shorting plug (009 146), 4, 7 and 10 pH buffer sachets, power supply (UK) , condensed operating instructions and instruction manual.
- 351 101** Model 3510 supplied with glass bodied combined pH electrode with ATC (924 005), ATC probe (027 500), electrode holder, BNC shorting plug (009 146), 4, 7 and 10 pH buffer sachets, power supply (US) , condensed operating instructions and instruction manual.
- 351 201** Model 3510 supplied with glass bodied combined pH electrode with ATC (924 005), ATC probe (027 500), electrode holder, BNC shorting plug (009 146), 4, 7 and 10 pH buffer sachets, power supply (European) , condensed operating instructions and instruction manual.
- 351 301** Model 3510 supplied with glass bodied combined pH electrode with ATC (924 005), ATC probe (027 500), electrode holder, BNC shorting plug (009 146), 4, 7 and 10 pH buffer sachets, power supply (230V leaded) , condensed operating instructions and instruction manual.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)1245 600560

Fax: +44 (0)1245 600030

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.