

Model 3520 pH/mV/Temperature Meter

- 3 decimal place pH resolution
- 3 point pH calibration
- Choice of pH calibration buffer types
- Differential pH input
- Security code protected user data
- Calibration data status display
- Calibration reminder
- 500 reading memory
- Comprehensive data logging options
- RS232 serial interface and IrDA printer interface
- Alarm outputs (open collector and audible)
- Analogue recorder output
- Wall mounting option
- Back lit 1/8 VGA monochrome liquid crystal display
- Multi-language operation



A fully specified laboratory pH/mV/temperature meter that includes full support for good laboratory practices (GLP). 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. Powerful data logging capabilities are included with the ability to store up to 500 readings either manually, at timed intervals or on alarm events.

pH

Range	-2.000 to 20.000pH
Resolution	0.001/0.01/0.1pH
Accuracy	±0.003pH

mV

Range	±1999.9mV
Resolution	0.1/1mV
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 serial & IrDA printer interface / Alarm
Clock	24 hours, hrs/min/sec or day of month/month/year, leap year corrected (European and American formats)
GLP	Calibration reminder interval (1 to 999 hours) Alarm outputs (open collector and audible) Security code protected user data
Display	Back lit 1/8 VGA monochrome LCD
Language options	English, French, German, Italian, Spanish, Portuguese
Power	9V power supply
Size	210x250x55mm
Weight	850g

Ordering Information

- 352 001** Model 3520 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.
- 352 101** Model 3520 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.
- 352 201** Model 3520 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.
- 352 301** Model 3520 supplied with glass bodied combined pH electrode with ATC (924 005), ATC probe (027 500), electrode holder, 4, 7 and 10 pH buffer sachets, power supply (230V leaded) , condensed operating instructions and instruction manual.