

pH meter kit - 8100 Plus



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The pH readings are either manually or automatically temperature compensated over the operating range of 0 to 100°C. To automatically compensate, it is necessary to utilise a thermistor temperature probe. Each unit incorporates an auto-power off facility that automatically turns the instrument off after ten minutes, maximising battery life.

The 8100 Plus has an integrated rubber seal to ensure complete water resistance and helps to reduce the possibility of damage in harsh environments.

At the touch of a button, the instrument will automatically re-calibrate (2-point autocal) itself when used in conjunction with pH buffer solutions.

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Each unit incorporates an easy to use BNC connector and waterproof Lumberg screw-locking type connector, allowing a wide range of interchangeable thermistor probes to be used. The 8100 Plus pH price excludes electrode & probe. ETI offer an extensive range of temperature probes,

Alternatively the 8100 Plus pH meter is available as a complete kit which includes:

- 8100 Plus pH meter (225-085)
- temperature oprobe (170-100)
- general purpose pH electrode (823-501)
- 4.01 pH buffer solution (816-050)
- 7.00 pH buffer solution (816-051)
- carrying case (830-080)

specification	pH	mV	temperature
range	0 to 16 pH	± 100 0mV	-39.9 to 149.9°C
resolution	0.01pH	1mV	0.1°C
accuracy	±0.02pH	±1mV	±0.4°C (-10 to 70°C)
battery	3 x 1.5 volt AAA		
battery life	max 5 years (2500) hours		
