

430 Enterprise Conductivity/pH Meter

- Simultaneous display of pH, conductivity and temperature
- Automatic or manual calibration
- Power on self check routine
- Calibration diagnostics

The easy to use 430 is designed to readily withstand the rigours of field work, while reliably measuring pH and conductivity. The unit allows the simultaneous readout of pH, conductivity or TDS and temperature with switched ranges for both conductivity and TDS measurements.

Technical Specification

pH

Range	0.00 to 14.00 (1 or 2 point calibration)
Resolution	0.01
Accuracy	±0.02
Automatic buffer recognition	4.00, 7.00, 9.22, 10.00

Conductivity

Ranges	5 auto-selected from 0 to 199.9mS
Resolution	0.01µS to 0.1mS
Accuracy	±0.5% ±2 digits
Cell constant	0.01 to 19.99
Automatic standard recognition	10µS, 84µS, 1413µS, 12.88mS (with manual override)

TDS

Range	5 auto-selected from 0 to 199.9g/l
Resolution	0.01mg/l to 0.1g/l
Accuracy	±0.5% ±2 digits
EC ratio (TDS)	0.50 to 0.80

Temperature

Range	-9.9 to 99.9°C
Resolution	0.1°C
Accuracy	±0.5°C
ATC and manual	0 to 99.9°C
Temperature coefficient	0.00 to 4.00%/°C
Reference temperature	18, 20 or 25°C
Connector	mini-DIN
Power	2 AA batteries
Size (l x w x d)	175 x 75 x 35mm
Weight	250g

Ordering Information

Part Code	Description
430 201	430 conductivity/pH meter supplied with combined pH/conductivity probe (430 231), buffer sachets and batteries (fitted)
430 271	430 conductivity/pH meter supplied with combined pH/conductivity probe (430 231), buffer sachets, batteries (fitted) and free carry case



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