

3205 Premier Portable Ion/pH Meter

- Combined pH and ion portable, waterproof meter
- Ammonium, calcium, chloride, fluoride and nitrate ion measurements
- Up to 2 point pH and 5 point ion calibration
- Automatic buffer recognition
- Fully GLP compliant
- RS232 interface using optional cradle
- 6 language options

The 3205 portable ion meter is dedicated to the rapid, easy and reliable determinations of ammonium, calcium, chloride, fluoride and nitrate ions with concentrations displayed in mg/l, ppm, %, moles, activity or no units. When performing dedicated ion analysis appropriate ATC parameters will be automatically selected and when combined with the very stable electrode readings all calibrations can be performed in the laboratory prior to analysis in the field. Although customised for dedicated ion analysis the 3205 can also perform measurements of pH, mV and other, non-dedicated ion measurements.

Technical Specification

pH

Range	-2.00 to 16.00
Resolution	0.01
Accuracy	±0.02
Automatic buffer recognition	4, 7 and 10.05 (with manual override)
Calibration	User selectable 1 or 2 point

mV

Range	±1999
Resolution	1mV
Accuracy	±1mV

Temperature

Range	-10 to 105°C
Resolution	0.1°C
Accuracy	±0.5°C
ATC range	0 to 100°C

Ion

Activity	Multipoint calibration 1 to 5 points 1x10 ⁻⁹ to 9.99x10 ⁹ in integer or exponential format
Concentration units	activity, %, ppm, mg/l, moles, none
Dedicated ions	Ammonium, Calcium, Chloride, Fluoride and Nitrate
Clock	24 hour, hours/min/sec or day of month, month and year. Leap year corrected
Outputs	RS232 via interface cradle
Connector	Waterproof
Power	3 AA batteries
Size (l x w x d)	200 x 80 x 60mm
Weight	370g

Ordering Information

Part Code	Description
539 501	3205 pH and ion meter supplied with pH/temperature probe (027 227), buffer sachets, waterproof connector to S7 electrode lead (013 161), waterproof connector to BNC electrode lead and batteries



3205