

# Portable pH Meters

## Intrinsically Safe\* pH/mV/ Temperature meters

- Orion 261S waterproof, portable model for basic field measurements
- Orion 266S includes advanced GLPdoc™ 100 point datalogger with time and date stamp documents readings. The manual, interval or event-controlled RS232 and the included software program simplify data collection and remote operation on a computer. Other advanced features include recalibration timer option, calibration printout, and datalog.
- Meter, electrode packages include an Orion Triode™ combination pH electrode with temperature sensor.

Designed for use in hazardous and confined space environments where non-sparking equipment is desired, the Orion 261S and 266S waterproof, portable meters provide accurate field measurements of pH, mV and temperature readings. The meters are waterproof. A large easy-to-read display monitors electrode response condition and calibration status. Both meters feature 3 point auto-calibration with choice of buffers or manual calibration, operate on 4 AA batteries, and carry US intrinsically safe\* approval rating by Factory Mutual (FM).

Specifications	266S / 261S
<b>pH</b>	
Range	-2.00 to 16.00
Accuracy	0.01
Calibration Points	3
<b>Temperature</b>	
Range	-20.0 °C to 120.0 °C
Relative Accuracy	± 0.3 °C
<b>mV</b>	
Range	± 1300.0 mV
Accuracy	0.1% value + 0.30
Display	Custom LCD
Inputs	Waterproof DIN, 4 mm Banana
Outputs	RS232 / -
Power Requirements	3 x alkaline AA batteries
Agency Approvals	CE, FM (intrinsically safe)
Environmental Requirements	-10 °C to 55 °C

Ordering	266S / 261S
Meter and Electrode	0266S0 <sup>1</sup> / 0261S0 <sup>1</sup>
Meter, Electrode & Field Kit <sup>2</sup>	0266S3 / 0261S3
Replacement Field Case Only	026AKT <sup>3</sup> / 026AKT <sup>3</sup>

**Key:**

1. Waterproof 9109WP pH Triode™ combination, pH/ATC non-refillable included.
2. Contains meter, 9109WP electrode, neckstrap, manual, case, stand, electrode holder, beakers, 4, 7, 10 buffers (266S also includes RS232 cable and software).
3. Order meter, electrodes and buffers separately. Contains stand, electrode holder and beakers only.

\* Does not meet European Intrinsically Safe specification.

