

Ion 700 Meter, pH/mv/Ion/Temp



Brand: Oakton
Product Code: 147-04
Availability: Call for availability
Lead Time: 21

Description Features

- Small footprint saves bench space
- Direct readout of ion concentration in ppm
- Oversized dual display for easier viewing
- Features 0.1 mV resolution for ORP measurements
- Simultaneous display of ppm and mV electrode output in the ion mode
- Selectable buffer sets and five-point pH calibration with auto buffer recognition
- Works with many ion-selective electrodes
- Built-in electrode stand
- Selectable manual or automatic temperature compensation
- Built-in memory function
- Hold function, "Ready" indicator, diagnostic messages
- Slide-out instruction card for quick reference

Specifications

- Measuring Parameters: pH, mV, Ion concentration, Temperature
- pH:
 - Range: -2.00 to 16
 - Resolution: 0.01
 - Accuracy: ± 0.01
 - Calibration: Up to 5 points

- Millivolt:
 - Range: ± 2000 mV
 - Resolution: 0.1 mV from ± 199.9 mV
 - Accuracy: 1 mV beyond ± 199.9 mV
 - Calibration: Offset up to ± 150 mV
- Ion:
 - Range: 0.01 - 2000 ppm
 - Resolution: 0.01 ppm / 0.1 ppm / 1 ppm
 - Accuracy: $\pm 0.5\%$ of reading (monovalent) $\pm 1.0\%$ of reading (divalent)
 - Calibration: From 2 to 5 points
- Temperature:
 - Range: 0.0° - 100.0°C (32° - 212°F)
 - Resolution: 0.1°C (0.1°F)
 - Accuracy: $\pm 0.3^{\circ}\text{C}$ ($\pm 0.5^{\circ}\text{F}$)
 - Calibration: Offset 0.1°C Increments
 - Temperature Compensation Automatic or Manual, $0 - 100^{\circ}\text{C}$

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