OAKTON®
I N S T R U M E N T S

pH 450 Meter

Backlit, rugged waterproof meter is ideal for any environment!

Durable waterproof and dustproof design with IP67 rating

Large, backlit custom display – Lets you view measurement with temperature and calibration data with % slope

Measurements in pH, ISE, and mV – With automatic or manual temperature compensation

Six-point calibration – Choose USA, NIST, DIN, PWB, or custom buffers

Auto buffer recognition – Automatically identifies the correct pH buffer for rapid calibration

Calibration alarm – A visible reminder that it is time to recalibrate the meter

Hold, Ready, and automatic shutoff functions

Selectable °C/°F – Choose units to best fit your application

Intuitive, user-friendly icons – Electrode status displays pH slope

Store up to 500 data sets – Easy USB or RS-232 output with optional data cables

Built-in real-time clock stamps stored data and calibration data with time and date – Meets standards for GLP (Good Laboratory Practices)

Grip-Clip™ holder – Quickly and easily secures the pH electrode to your beaker or container

Built-in stand with wall mount option – Allows for easy benchtop measurement or storage

Extended battery life from two AA batteries or use optional universal power adapter

Compatible with pH/ISE electrodes having a BNC connector

New

35618-30

ISO9001:2008 CERTIFIED SUPPLIER   TÜV PRODUCT SERVICE GS   CE   **3** year warranty

Specifications

Mode	pH	mV	Ion	Temperature
Range	−2.00 to 16.00 pH	±2000 mV	0.0 to 19999	−10.0 to 110.0°C (−17.0 to 230.0°F)
Resolution	0.01 pH	0.1 mV ±999.9 mV; 1 mV beyond	0.01	0.1°C
Accuracy	±0.01 pH	±0.2 mV +2 LSD or ±5% of reading; whichever is greater	±0.5% full-scale (monovalent); ±1% full-scale (divalent)	±0.1°C/°F
Calibration	Up to six points; USA, NIST, DIN, PWB, custom	± 200 mV	Up to six points	±5.0° offset

Display: custom LCD with backlight
Memory: stores up to 500 data sets
Output: USB or RS-232
Real-time clock: time-and-date stamp on calibration and stored data
Temperature compensation: automatic or manual from −10 to 110°C
Power: two AA batteries (included), 500 hours (without backlight); AC adapter (optional)

Dimensions (L x W x H)
  Meter: 7⅞" x 3⅛" x 2¼" (20 x 8.3 x 5.7 cm)
  Boxed: 9⅛" x 9⅛" x 2¾" (23 x 23 x 7 cm)
Weight:
  Meter only: 1 lb (0.5 kg)
  Boxed: 1.4 lb (0.7 kg)

Ordering Information

Catalog number	Precalibrated catalog number	Description	Included
WD-35618-32	WD-35618-34	pH 450 meter only	Meter, Grip-Clip holder, and two AA batteries
WD-35618-30	WD-35618-33	pH 450 meter with probe	Meter, "All-in-One" pH electrode (35808-71), Grip-Clip holder, and two AA batteries
WD-35618-90	WD-35618-91	pH 450 meter kit	Meter, "All-in-One" pH electrode (35808-71), Grip-Clip holder, pH buffers, storage solution, rinse solution, two AA batteries, and hard carrying case

WD-35808-71 Replacement "All-in-One" pH electrode with built-in ATC. Single-junction; epoxy body; BNC connector

WD-35808-72 "All-in-One" pH electrode with built-in ATC. Double-junction; epoxy body; BNC connector

WD-35618-05 ATC probe. Use with any standard pH electrode with BNC for temperature compensation

WD-35802-00 Ammonia electrode, gas sensing; epoxy body, single junction

WD-35802-18 Fluoride electrode, solid state; epoxy body, single junction

WD-35802-12 Chloride electrode, solid state; epoxy body, single junction

WD-35614-50 Replacement Grip-Clip electrode holder

WD-35614-51 Hard carrying case, fits all 150/450 meter configurations

WD-35630-53 Data cable for USB connectivity

WD-35420-01 Data cable for RS-232 connectivity

WD-35420-72 Optional adapter, 110/220 VAC

WD-09376-01 Replacement batteries, AA. Pack of 4

Ensure the accuracy of your meter—Calibrate. InnoCalSolutions.com