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Portable Conductivity Meter Kit with Case, EC/ATC Probe, and Solutions

Item #: EE3560415

Brand: Oakton

Convenient, compact design with large display



images are representative only

Select All Product Options:

* (required) Description

Oakton EC 100 Portable Conductivity Meter Kit with Case, EC and ATC probes, and Solutions

Your Price: \$525.50

QTY

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- SPECIFICATIONS
- KEY FEATURES
- RELATED PRODUCTS & ACCESSORIES

Specifications

Meter Type	Conductivity, TDS, salinity, temperature
Display type	LCD
Connections	BNC & Ø2.5 socket
Buffer Recognition	Automatic standard and user-defined conductivity calibration solutions
Calibration	1-4 points automatic
Min Conductivity	0 mS/cm
Max Conductivity	0.00 to 19.99 µS/cm, 20.0 to 199.9 µS/cm, 200 to 1999 µS/cm; 2.00 to 19.99 mS/cm, 20.0 to 199.9 mS/cm
Conductivity Resolution	0.01, 0.1, 1 µS/cm; 0.01, 0.1 mS/cm
Conductivity Accuracy	±1.0% full scale
Cell	K=1.0

Cell Constant	0.1, 1, 10 cm ⁻¹
Min TDS	0 g/L
Max TDS	100 µg/L
TDS Accuracy	±1.0% full scale
Min Salinity	0 ppt
Max Salinity	100 ppt
Salinity Accuracy	±1.0% full scale
Min Temperature (DegreeC)	0
Max Temperature (DegreeC)	100
Min Temperature (DegreeF)	32
Max Temperature (DegreeF)	212
Temperature Resolution	0.1°F/°C
Temperature Accuracy	±0.9°F (0.5°C) ±1 digit
Temperature compensation	0 to 100°C (manual or automatic)
Temperature Coefficient	2.0%/°C
Waterproof	IP57
Battery	3 AA batteries (1.5 V)
Battery life (hr)	400
Length (cm)	9.1
Width (cm)	19
Height (cm)	3.3
Width (InchShort)	7.48
Length (InchShort)	3.58
Height (InchShort)	1.3
Stirring Control	No
NIST Calibration Included	No
Probe Included	EC/temperature (ATC)
Accessories Included	Carrying case and solutions

Description

Oakton EC 100 Portable Conductivity Meter Kit with Case, EC and ATC probes, and Solutions

What's Included

EC 100 portable conductivity meter, plastic conductivity electrode, temperature probe, 50 mL conductivity calibration solutions (84µS, 1413µS, & 12.85 mS, carrying case

Key Features

Convenient, compact design with large display

- Measured parameter and temperature shown on display at same time
- Stability, calibration, and low-battery indicators
- Waterproof and dust-resistant IP57 rating – great for use under harsh environments
- Replacement Con/ATC probes 35606-55 K = 1.0, 35606-53 K = 0.1 and 35606-57 K = 10.0

More About This Item

The new addition to the Environmental Express Oakton product line features updates to measuring water quality easier and faster. The larger display is 2.75 in. by 2.0 in. for better viewing angle, and has indicators for battery life, stability, and calibration. It also shows both the parameter and temperature measurements at the same time. The EC 100 meter measures conductivity, TDS, salinity, and temperature.

The built-in microprocessor chip enables advanced functions, such as auto calibration, auto temperature compensation, parameter setting, self-diagnosis, auto power-off, and low-battery reminders. The meter uses advanced digital processing technology, intelligently improving the response time and accuracy of your measurements. Stable reading and auto lock display modes are available.

Looking For A Product Manual, Safety Data Sheet (SDS) And/Or Certificate Of Analysis?

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