

Colorimeters

Orion AQ3700 Colorimeter

Featuring tests for nitrogen, phosphate and COD

This portable meter is the newest addition to the colorimetry line offering over 70 preprogrammed method options.

- Multi-parameter colorimeter with six wavelength options and wavelength auto-selection by preprogrammed method
- IP67 waterproof with 1000 data-point memory and long battery life
- Numerous preprogrammed tests for powder, tablet and liquid reagent chemistries, reaction tubes, COD digestion tubes and acid digestion tubes, including nitrogen and phosphate nutrient testing
- User interface available in selectable languages of English, French, German, Indonesian, Italian, Polish, Portuguese and Spanish



Preprogrammed with many colorimetry reagents and COD tests.

Orion AQ4000 Colorimeter

Offers numerous preprogrammed tests for reagent chemistries

Take the guesswork out of sample preparation and measurement with the Auto-Test™ ampoules and the exclusive Auto-ID™ feature.

- Multi-parameter colorimeter with four wavelength options and wavelength auto-selection by preprogrammed method
- Portable and IP67 waterproof with 100 data-point memory and 2,500 hour average battery life
- Compatible with powder, tablet and liquid reagent chemistries, Auto-Test ampoules and COD digestion tubes
- Auto-Test ampoules contain pre-measured liquid reagents and automatically identify the species to be measured, select the wavelength and initiate the method
- Computer interface for data transfer using RS232 port



Easily create and store your own calibration curve for up to 10 new tests.

Orion AQ3070 Colorimeter

Measures free and total chlorine for EPA reporting

Designed with expanded ranges for free and total chlorine, it gives you a real number to quickly process your results.

- Five-parameter colorimeter with one wavelength
- Portable and IP67 waterproof with long battery life
- Preprogrammed reagent tests for free chlorine, total chlorine, chlorine dioxide, cyanuric acid and pH (5.9 to 8.2)
- U.S. EPA approved methods for free and total chlorine in drinking water, wastewater and chlorine dioxide in drinking water



Field case keeps the meter and test supplies always at the ready for testing.

AQ3700 Colorimeter	Specifications
Incident Light Source	6 light emitting diodes (LED)
Wavelengths	430, 530, 560, 580, 610, 660 nm
Wavelength Accuracy	+/- 1nm
Photometric Accuracy	+/- 0.005 Abs
Sample Cell Compatibility	13mm, 16mm and 24 mm round
Power	4 AA batteries
Warranty	2 years

AQ4000 Colorimeter	Specifications
Incident Light Source	4 light emitting diodes (LED)
Wavelengths	420, 520, 580, 610 nm
Wavelength Accuracy	+/- 2nm
Photometric Accuracy	+/- 0.005 A
Sample Cell Compatibility	13mm, 16mm and 24 mm round
Power	4 AA batteries
Warranty	2 years

AQ3070 Colorimeter	Specifications
Incident Light Source	1 light emitting diode (LED)
Wavelengths	525 nm
Wavelength Accuracy	+/- 2nm
Photometric Accuracy	+/- 0.0015 A
Sample Cell Compatibility	25 mm round
Power	4 AAA batteries
Warranty	2 years

Cat. No.	Description
AQ3700	AQ3700 meter with 4 AA batteries, 24 mm vials (4), 16 mm vials (3), 16 mm vial adapter, 13 mm vial adapter, field case, user guide with test methods, tablet tampering stir rod and vial cleaning brush
AC2V16	Replacement 16 mm vials, 10 pack
AC2V24	Replacement 24 mm vials, 12 pack
AC3ROD	Stir rod, 10 pack
AC3CBR	Vial cleaning brush, 5 pack
COD165	Thermoreactor for digestion methods, 165°C temperature control
CODS01	1000 ppm COD standard, 475 mL
CODS10	10000 ppm COD standard, 475 mL

Cat. No.	Description
AQ4000	AQ4000 meter with 4 AA batteries, 24 mm vials, 16 mm vials, 16 mm vial adapter, 13 mm vial adapter, field case, user guide with test methods, tablet tampering stir rod and vial cleaning brush
AC2V16	Replacement 16 mm vials, 10 pack
AC2V24	Replacement 24 mm vials, 12 pack
AC3ROD	Stir rod, 10 pack
AC3CBR	Vial cleaning brush, 5 pack
AC4CBL	RS232 cable for data download and software update
AQ4ZER	AQUAfast zero kit
COD165	Thermoreactor for digestion methods, 165°C temperature control
CODS01	1000 ppm COD standard, 475 mL
CODS10	10000 ppm COD standard, 475 mL

Cat. No.	Description
AQ3070	AQ3070 meter with 4 AAA batteries, 25 mm vials (6), 100 free chlorine powder tests, 100 total chlorine powder tests, field case, user guide with test methods, tablet tampering stir rod and vial cleaning brush
AC3V25	Replacement 25 mm vials, 3 pack
AC3ROD	Stir rod, 10 pack
AC3CBR	Vial cleaning brush, 5 pack