

OPTIZEN QX, WATER QUALITY ANALYZER

QX



Keywords of OPTIZEN QX

- Water quality analysis
- Easily create a standard curve
- High speed wavelength scanning
- Supporting all-in-one cell holder (16, 25mm round cells, 1 inch cells)
- Convenient voice service

Improve product performance

400% ↗

The data processing performance has been improved by over 400% with a processor upgrade. In addition to a user-friendly UI system based on Android OS, internal storage has been doubled.

OPTIZEN QX is designed to help environmental scientists, environmental facility managers, environmental engineers, and environmental health and water treatment professionals perform critical water analysis procedures quickly and accurately.



With water analysis

The OPTIZEN QX water analysis system reduces calibration time, improves precision and overall accuracy.



Favourites feature

Bookmark information you are measuring or analysing for quick and easy recall and action.



Multiple methods

You can use a universal water test from a universal water test kit (Merck, Hach, Humas, etc.).



Cell Compatibility

Use the all-in-one cell holder for all your cells without the hassle of changing them.

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Product Name	OPTIZEN QX
Photometrics System	Single-beam type
Light Source(s)	Tungsten Halogen Lamp & Deuterium Lamp (Built-in light source auto interchanging motor)
Detector	Silicon Photodiode
Spectral Bandwidth	< 1.8 nm
Wavelength Range	190 to 1100 nm
Wavelength Display (setting)	≥ 0.1 nm
Wavelength Accuracy	± 0.5 nm
Wavelength Repeatability	± 0.1 nm
Slew Rate	7,800 nm/min
Scanning Speed	4,000 nm/min
Photometric Range	Absorbance: -3 to 3 Abs Transmittance: 0 to 300 %T
Photometric Accuracy	± 0.005 Abs at 0.0 to 0.5 Abs, ± 1% Abs at 0.50 to 2.0 Abs
Photometric Repeatability	± 0.003 Abs
Baseline Stability	0.001 Abs/h (700 nm, After one hour warm-up)
Baseline Flatness	< 0.001 A (200 to 1,100 nm)
Stray Light	< 0.05 %T @ 220nm/340nm
Monochromator	Czerny-Turner Monochromator
Standard Cell Holder	Multi-cell (8 cells)
Lamp Interchange Wavelength	340 to 410 nm (Default 370 nm)
Preprogrammed Method	> 130 (Hach), > 480 (Merck)
Operating System (OS)	Android
Display	7-inch (Resolution: 1280 x 800)
Control Options	Stand-alone, PC
Dimensions(W*D*H)	433 mm*381 mm*180 mm
Power Requirement	AC100 to 240V, 50/60Hz, 140VA
Weight	10.5kg
PC Software	(optional) OPTIZEN View for Windows

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