

Your lab. On the move. Spectroquant® Move 100 mobile colorimeter



Results. On the move.

Spectroquant® Move 100

Accurate analysis – anywhere

The Spectroquant® Move 100 is all you need for rapid, reliable water analysis when working on site. That's because this small, portable colorimeter covers every important parameter of drinking and waste water analysis in one instrument. With a choice of over 100 pre-programmed and 35 user-defined methods, you will always have the most suitable test for accurate results – on the spot. This means no delays, no risk of sample deterioration, and no need for additional instruments.

Always working

The Spectroquant® Move 100 is specially crafted to withstand the demands of on-site water analysis. The casing is dust tight and waterproof acc. to IP 68 classification. The design of this easy-to-handle colorimeter also excludes any moving parts, thus adding to the instrument's robustness.

Secure results

Developed for use with Merck Millipore's high-quality Spectroquant® test kits, the Spectroquant® Move 100 guarantees rapid and reliable results. Thanks to our enhanced Quality Certificate documentation for the test kits, and Spectroquant® Verification Standard, this complete package greatly simplifies Analytical Quality Assurance (AQA).

Support. On the move.

Spectroquant® Data Transfer: Store and print results

Using modern infrared technology, Spectroquant® Data Transfer allows you to easily and quickly transmit or print your measurement data from the Spectroquant® Move 100 Colorimeter.

The package includes data transfer software, which is compatible with Windows XP, Windows Vista and Windows 7. Measurements may be saved on your PC as a .xls or .txt file.

Alternatively, the data can be printed out using a USB printer¹ or a printer with a serial plug-in² connected to the Spectroquant® Data Transfer.

¹ with printer language HPPCL, version 5 and below

² any ASCII printer



Quality. On the move.

Spectroquant® Move 100

Advantages:

- **Convenient:** Easily analyze drinking and waste water with one instrument that's pre-programmed for over 100 parameters
- **Comprehensive:** Always obtain accurate results using a wide choice of measuring ranges to suit your needs
- **Robust:** Useable even in wet or dusty environment thanks to IP 68 classification
- **Reliable:** Secure your results using simplified Analytical Quality Assurance and enhanced documentation



Move up to performance.

Technical specifications

Display	Backlit graphic-display
Interfaces	IR interface for data transfer RJ45 connector for internet updates
Optics	LED, interference filter, photosensor, transparent measurement chamber Wavelengths: 430, 530, 560, 580, 610 and 660 nm
Wavelength accuracy	± 1 nm
Photometric accuracy	1.000 Abs $\pm$ 0.020 Abs 2.600 Abs $\pm$ 0.052 Abs ($\approx$ 2 % FS) (measured with standard solutions – T = 20 – 25°C)
Photometric resolution	0.005 A
Operation	Acid and solvent resistant tactile film keyboard
Power supply	4 batteries (Type AA/LR 6); lifetime: approx. 26 hours continuous use or 3,500 tests
Weight	approx. 450 g
Dimensions	approx. 210 x 95 x 45 mm (instrument) approx. 395 x 295 x 106 mm (case)
IP classification	Dust and waterproof acc. to IP 68
Storage capacity	approx. 1,000 data sets

Ordering information

Product	Content	Order Number
Spectroquant® Move 100 Colorimeter	Instrument in light carrying case, 4 batteries, 3 round vials each 24 and 16 mm $\varnothing$, 1 adapter for 16 mm vials, screw driver, guarantee certificate, certificate of compliance, instruction manual	1.73632.0001
Spectroquant® Data Transfer	Instrument, USB cable, 4 batteries, screwdriver, CD-ROM, operating instructions, guarantee certificate	1.73633.0001
Spectroquant® Verification Standard	6 sealed cells containing stable, colored solutions for measuring the absorbance at 430 nm, 530 nm, 560 nm, 580 nm, 610 nm and 660 nm plus 1 sealed blank cell, quality certificate, user instructions	1.19302.0001
Update cable for Spectroquant® Move 100 Colorimeter	This cable enables to update the latest Software on Spectroquant® Move 100	1.73634.0001

For further information on Merck Millipore
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