MERCK

Your lab.
On the move.

Spectroquant® Move 100 handheld colorimeter



The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.

Supelco®
Analytical Products

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Results. On the move.

Supelco® Colorimeter Spectroquant® Move 100

Accurate analysis - anywhere

The Spectroquant® Move 100 colorimeter is all you need for rapid, reliable water analysis when working on site. That's because this small, portable colorimeter covers every important parameter for drinking and waste water analysis in one instrument. With 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 reliable

The Spectroquant® Move 100 is specially crafted to withstand the demands of on-site water analysis: the casing is dust tight and waterproof according to IP 68 classification, and the design excludes any moving parts to ensure robustness and ease of use.

Secure results

Developed for use with our 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).

Track data. On the move.

Spectroquant® Data Transfer: store and print results

Spectroquant® Data Transfer uses infrared (IR) to allow 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 7 and Windows 10. Measurements may be saved on your PC as a .xls or .txt file.

Alternatively, the data can be printed out using a USB printer[1] or a printer with a serial plug-in[2] connected to the Spectroquant® Data Transfer module.



[1] with printer language HPPCL, version 5 and below

[2] any ASCII printer

Move up to precision



Advantages:

- **Convenient:** Easily analyze drinking and waste water with one instrument 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:** using simplified Analytical Quality Assurance and enhanced documentation

Accelerate with Spectroquant® Cell Test Kits

Ready-to-use test kits optimized for easy handling of routine control and on-site monitoring. Obtain reliable results for your key parameters with validated standard-compliant reagents where ever you are.

Benefit from more than 170 different competent solutions within the Spectroquant® -system for your quantitative analysis, whether for testing

- drinking water
- surface water
- process water
- municipal or industrial wastewater beverages
- disinfection control

Move up to reliability.

Supelco® Analytical Products:
A comprehensive portfolio of analytical products and services for your specific applications

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 ±0.020 Abs 2.600 Abs ±0.052 Abs (=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	Cat. No.
Spectroquant® Move 100 Colorimeter	Instrument in light carrying case, 4 batteries, 3 round vials each 24 and 16 mm 0, 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**

Merck KGaA
Frankfurter Strasse 250
64293 Darmstadt, Germany

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For further information, please contact your local VWR organization or have a look at the VWR webpages:
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