

# טכנולוגית הדור החדש כבר כאן - ספקטרוֹמטר חדש!

## Spectroquant® Pharo



לקבלת מידע נוסף:

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# ספקטרוֹפּוֹטוֹמֵטֵר חֲדָשׁ!

**Spectroquant® Pharo 100 VIS 320 -1100 nm**  
**Cat No. 100706.0001**



**Spectroquant® Pharo 300**  
**UV / VIS 190 -1100 nm Cat. No. 100707.0001**

	Spectroquant® Pharo 100	Spectroquant® Pharo 300
Wavelength range	320 -1100nm	190 -1100 nm
Source lamp	Tungsten halogen lamp	Xenon flashlamp
Technology	Stabilized single-beam	
Measuring modes	Concentration, Absorbance, Transmission, Multi wavelengths, Scans + Kinetics in absorbance or transmission mode	
Spectral bandwidth	4 nm	
Wavelength resolution	1 nm	
Wavelength accuracy	± 1 nm	
Photometric range	± 3.3 A	
Absorbance resolution	0.001A	
Absorbance accuracy	0.003A at < 0.600A 0.5% of the reading for 0.600 ≤ A ≤ 2.000	
Scan	Scans in 1nm increments with free selectable wavelength range	
Cells	16 mm round, 10/ 20/ 50 mm rectangular with automatic cell recognition	
Test recognition	Automatic bar code reading system for all Spectroquant® cell and reagent tests	
Display	Graphic display with background lighting	
Methods and profiles	Programmed methods of all Spectroquant® cell and reagent tests, 100 user-defined methods, 20 profiles for kinetic and absorption scans	
Method update	via Internet / PC or via USB-Stick	
Instrument-supported quality assurance	AQS 1: Instrument check using PhotoCheck and CertiPUR® UV/VIS standards AQS 2: System check using CombiCheck and/or CertiPUR® UV/VIS standards AQS 3: Testing samples for interferences by means of the MatrixCheck function	
Communication interfaces	1 USB-A, 1 USB-B, 1 RS 232	
Data storage	1000 single measured values; 4 MB for scans and kinetics i.e. approx. 100 scans (300 - 900nm) and 400 kinetic curves with 150 single values each	
Languages	German, English, Spanish, French, Italian (please contact your Merck representative for availability of additional languages)	
Protection class	IP 31 and drain device for spilled cell contents	
Power supply	Country specific power supply, length of the connection cable: 2.5 m	
Power requirements	100 - 240V~ / 50 - 60Hz / 0.75 A	
Temperatur	Operating: +10°C to + 35°C, Storage: -25°C to + 65°C	
Allowable relative humidity	Annual mean: ≤ 75%; 30 days/year: 95%; other days: 85%	
Dimensions	404 x 197 x 314 mm (width x height x depth)	
Weight (without plug-in power supply)	approx. 3.7 kg	
Accessories (from 2008)	Battery for portable use / automobile charging cable	