

Spectroquant® Prove

Technical specifications



Made just for you.

Spectroquant® Prove 100 | 300 | 600

Spectroquant® Prove 100

Ord. No. 1.73016.0001



For routine applications

Prove 100 is the best choice for those who primarily use our broad range of Spectroquant® test kits, or only perform Vis measurements. High quality and great value for money for your daily analyses.

Spectroquant® Prove 300

Ord. No. 1.73017.0001



For sensitive measurements

Thanks to its long-lasting xenon lamp, Prove 300 is ideal for more intensive use. What's more, it is capable of both UV and Vis measurements, so you have greater flexibility for more intricate analyses.

Spectroquant® Prove 600

Ord. No. 1.73018.0001



For complex analyses

Designed for high-end UV/Vis optics, and cuvettes of up to 100 mm, Prove 600 packs great power into a compact size. Excellent resolution and sensitivity for use with test kits, complex kinetics or spectral measurements.

Specifications

		Prove 100	Prove 300	Prove 600
Measuring technology	Spectrophotometer with reference beam technology	■	■	■
Wavelength range	Vis (320 – 1,100 nm)	■	■	■
	UV (190 – 320 nm)		■	■
Lamp type	Tungsten halogen lamp	■		
	Xenon flash lamp		■	■
Ambient light protection	Measurement with open shaft possible due to proprietary solution (patent pending)	■	■	■
Spectral bandwidth	4 nm	■	■	
	1.8 nm			■
Smart Screen Display	Resistive touch screen	■	■	
	P-cap glass touch screen			■
Live ID System	2-D Barcode recognition for cell tests and reagent tests	■	■	■
	Barcode contains lot, expiry, and calibration data. Data stored with each measurement	■	■	■
Cell size	16 mm round cells, 10, 20 and 50 mm rectangular cells with automatic recognition	■	■	■
	100 mm rectangular cells with automatic recognition			■
Cell holder	Removable for easy cleaning	■	■	■
Methods	Programmed methods of all Spectroquant® cell and reagent tests, 99 user defined methods, 20 profiles for kinetics and absorbance scans each	■	■	■
Applications	Free preprogrammed applications: Bromate, Brewery packages (MEBAK/EBC methods), Sugar (ICUMSA), Oil (DOBI, olive oil)	■	■	■
AQA Prime	Individual settings for all methods in AQA 1 (instrument check) and AQA 2 mode (system check) and pipette check	■	■	■
Sample matrix check	Easy access through setting menu to perform instrument supported matrix check for each method	■	■	■
Software updates	Free method updates on the Merck Millipore website	■	■	■
Languages	Navigation in 28 built-in languages	■	■	■
Communication interfaces	USB: 2 x USB-A (for printer, USB memory devices, keyboard or barcode reader), 1 x USB-B; Ethernet: LAN connection	■	■	■