



DR6000 UV-VIS Spectrophotometer without RFID Technology

Product #: LPV441.99.00001

AED Price: Contact Hach

Experience Superior Performance with the DR6000 UV-VIS Spectrophotometer, the industry's most advanced lab spectrophotometer.

Designed for professional laboratories, its features support lab managers in calibration routines, quality assurance, and the development of customized applications. This advanced UV-VIS spectrophotometer offers high-speed wavelength scanning across the UV (ultraviolet) and Visible Spectrum and comes with 250 pre-programmed Hach methods to meet all your water quality analysis needs, including regulatory compliance.

Optional accessories for the UV-VIS spectrophotometer include a carousel for different path length sample cells and a sample delivery system that eliminates optical difference errors, ensuring increased accuracy. This UV-VIS spectrophotometer is perfect for handling a wide range of water testing needs.

When you combine the DR6000 UV-VIS spectrophotometer with Hach's unique LCK reagent vial system, you gain additional accuracy and error protection. Hach's Truecal software comes standard in today's DR6000's which reduces variations in results caused by variances in chemistry raw materials.

Your Water Testing Needs, All in One Spectrophotometer

The DR6000 has the most pre-programmed testing methods, including high-speed wavelength scanning across the UV and Visible Spectrum.

Built for High Volume and Exceptional Accuracy

A carousel sample changer allows up to seven sequential measurements. The Sipper Module, an instrument-controlled sample delivery system, increases precision by constant optical characteristics.

Advanced Quality Assurance at Your Fingertips

The DR6000 comes with integrated QA software for scheduling, documenting and interpreting all of your needed quality measurements.

Guided Procedures and Elimination of False Readings

The DR6000, when used with LCK cuvette tests, provides the accurate results you need by guiding you step-by-step through your testing procedures. With LCK cuvette tests, the instrument averages 10 readings and eliminates outliers, making scratched, flawed or dirty glassware a non-issue.

Specifications

Cuvette compatibility:	1 inch rectangular and round cell
Data storage:	5000 data points (result, date, time, sample-ID, user-ID)
Display:	TFT 7" WVGA color touch
Enclosure waterproof rating:	IP20 with closed lid
Manual languages:	bg, cz, da, de, en, es, fr, gr, hr, hu, it, nl, pl, pt, ro, ru, sl, sv, tr
Operating conditions:	10 - 40 °C, max. 80% relative humidity (non-condensing)
Optical system:	Reference beam, spectral
Photometric accuracy:	5 mAbs @ 0.0 - 0.5 Abs

Photometric linearity:	0.005 - 2 Abs
Photometric measuring range:	± 3.0 Abs (wavelength range 340 - 900 nm)
Power requirements (Hz):	50/60 Hz
Power requirements (Voltage):	110 - 240 V AC
Power supply:	50 - 60 Hz
Pre-programmed methods:	> 250
Scanning speed:	900 nm/min (in 1 nm steps)
Source lamp:	Tungsten (visible range) , deuterium (UV range)
Specific Technology:	RFID not applicable with this model
Spectral Bandwidth:	2 nm
Storage conditions:	-25 °C - 60 °C max. 80% relative humidity (non-condensing)
Stray light:	< 0.05 %
User interface:	bg, cn, cz, da, en, es, fr, gr, hr, hu, it, jp, kr, nl, pl, pt, ro, ru, sl, sl, sv, tr
User programmes:	200
Warranty:	24 months
Wavelength accuracy:	± 1 nm
Wavelength range:	190 - 1100 nm
Wavelength reproducibility:	< 0.1 nm
Wavelength resolution:	0.1 nm
Wavelength selection:	automatic
Weight:	11 kg
What's included?:	1 x DR6000 benchtop spectrophotometer w/o RFID
	1 x Power Cord (country specific: EU, CH, UK)
	1x Universal-Adapter
	1x Dust Cover
	Printed multilingual basic user manual (bg, cz, da, en, es, fr, gr, hr, hu, it, nl, pl, pt, ro, ru, sl, sl, sv, tr)

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