



DR6000 UV-VIS Spectrophotometer without RFID Technology

Product #: LPV441.99.00001
AED Price: Contact Hach

The industry's most advanced lab spectrophotometer.

The UV-VIS spectrophotometer DR6000 delivers top performance for both routine laboratory tasks and demanding photometry applications. This system is designed for the effective work in professional laboratories. Intelligent software supports the lab manager in the calibration routine, quality assurance and development of customized application.

DR6000 offers high speed wavelength scanning across the UV and Visible Spectrum, and comes with over 250 pre-programmed methods, which include the most common testing methods used today. With optional accessories allowing for high volume testing via a carousel sample changer, and increased accuracy with a sample delivery system which eliminates optical difference errors, this instrument ensures you are ready to handle your wide-ranging water testing needs.

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, 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:	0.5 % - 2 Abs
Photometric measuring range:	± Abs
Power supply:	100 - 240 V

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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