

# Spectrophotometers

As you look to the future of water analysis, you look for solutions that give you smarter results. You want solutions that make your testing easier. Your solutions need to eliminate human error. Hach has been innovating with spectrophotometer technology and offers some of the leading solutions in the market. Whether you need a premium solution that offers high-speed wavelength scanning across the UV and Visible Spectrum, a solution that scans and tracks your chemistry and samples with RFID tags, or a truly portable field spectrophotometer, Hach can support your testing.

## 1)DR1900 Portable Spectrophotometer

The DR1900 excels in the field because it is the lightest and most compact portable spectrophotometer. Your field testing takes you to potentially dusty and wet conditions where other equipment simply won't be safe. The DR1900 is built for rugged conditions, and it's flexible, -accepting the widest range of vial sizes. Built with field use in mind, the DR1900 has a large, clear screen and a simple user interface that makes testing easier than ever in even the most demanding conditions. Easy to hold, and operate, the compact DR1900 is a valuable tool for your field technicians.

Underneath the rugged exterior, the DR1900 has the largest number,-- over 220-- of the most commonly tested preprogrammed methods already built in. You can also use the easy-to-use interface to create your own methods. Tests are performed with a wavelength range of 340 to 800 nm which make this a field instrument you can use to find results typically only seen in laboratory instruments.

Please note: TNTplus vial test evaluation possible, but without barcode identification & 10 fold measurement and outlier elimination.

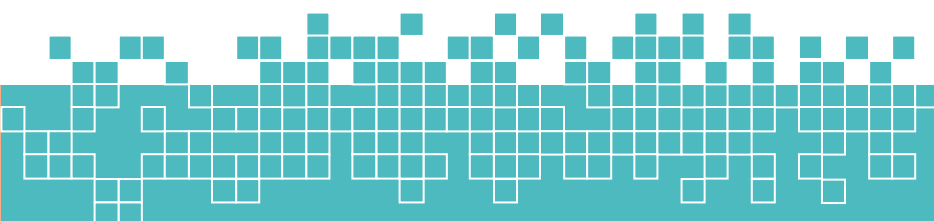
- Test What You Need
- Ensure Accuracy in the Field
- Make Testing Easier



Be Right™



Part Number	Product description	Wavelength range	Interface	Power supply
DR1900-02L	DR1900 Portable Spectrophotometer	340 - 800 nm	USB type Mini IP67 (with optional Module)	4 x AA size Alkaline 4x NiMH rechargeable Battery* Power supply*: 110 240 V; 50/60 Hz (* optional Module required. May not be available in all regions)



## 2)DR3900 Laboratory Spectrophotometer for water analysis

This photometer system is designed to deliver accurate results by supporting the operator with each step he is doing:



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- Sample preparation: reduced handling steps, precise dosing
- Sample analysis: automatic test recognition, expiration date check etc.
- Documentation of results: versatile data management, control cards



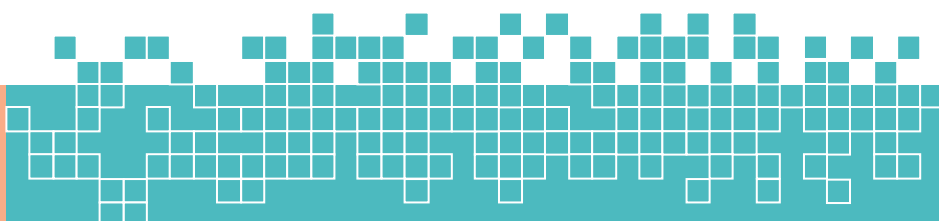
With your daily routine of water analysis in mind the DR3900 spectrophotometer is optimised for safe processes and meaningful reports. Control-parameters like Ammonium, COD, Phosphate, Nitrogen and many others are easy to perform. The handling of tests and photometer is well designed to avoid any errors in your water analysis.

This instrument connects to Claros, Hach's innovative Water Intelligence System, enabling you to seamlessly connect and manage instruments, data, and process – anywhere, anytime. The result is greater confidence in your data and improved efficiency in your operations. To unlock the full potential of Claros, insist on Claros Enabled instruments.

Part Number	Wavelength range	Specific Technology	Optical system
LPV440.98.00001	320 - 1100 nm	RFID not applicable with this model	Reference beam, spectral

## 3)DR6000 Benchtop 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.





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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.

This instrument connects to Claros, Hach’s innovative Water Intelligence System, enabling you to seamlessly connect and manage instruments, data, and process – anywhere, anytime. The result is greater confidence in your data and improved efficiency in your operations. To unlock the full potential of Claros, insist on Claros Enabled instruments.

Part Number	Wavelength range	Specific Technology	Spectral Bandwidth	Optical system	Includes
LPV441.99.00001	190 - 1100 nm	RFID not applicable with this model	2 nm	Reference beam, spectral	1 x Power Cord (country specific: EU, CH, UK) 1x UniversalAdapter 1x Dust Cover Printed multilingual basic user manual (bg, cz, da, de, en, es, fr, gr, hr, hu, it, nl, pl, pt, ro, ru, sl, sl, sv, tr)

