



DR900 Multiparameter Portable Colorimeter

Product #: 9385100
ZAR Price: Contact Hach
Ships within 1 week

Fastest and simplest water testing for the most demanding field environments.

The portable DR900 allows quick and easy access to your most-used testing methods. This colorimeter is waterproof, dustproof and field durable. With an intuitive user interface, easy data transfer abilities, and the ability to test up to 90 of the most commonly tested water methods, the DR900 makes water testing in harsh field environments a little less challenging.

Your Favorites at Your Fingertips

Save time by storing your most standard methods for quick access in less than 4 clicks.

Field Ready in Every Way Possible

This portable, rugged colorimeter is waterproof and dustproof. Drop tested and shock resistant for greater quality assurance.

Intuitive User Interface

Improved user interface allows quick selections and easier testing.

Simple Data Communication

Stores data for up to 500 tests, and comes with a USB port for easily downloading or transferring information.

Satisfies Your Core Testing Needs

A single portable instrument provides access to 90 of the most common parameters.

Specifications

Battery Life:	6 months (typical) @ 5 readings a day / 5 days / week without backlight**
	** Backlight usage will decrease battery life.
Battery requirements:	4, AA size alkali cells
Data Logger:	500 measured values (Result, Date, Time, Sample ID, User ID)
Detector:	Silicon photodiode
Dimensions (H x W x D):	231 mm x 96 mm x 48 mm
Display:	Graphical display 240 x 160 pixels (Backlit)
Enclosure rating:	IP67 (vial cover closed)
Environmental Conditions: Relative Humidity:	Max 90 % relative humidity (non-condensing)
Environmental Conditions: Temperature:	10 - 40 °C

Includes:	DR900 Colorimeter, two 1-inch glass sample cells marked at 10, 20 and 25 mL, two 1 cm plastic sample cells, 1 x 16-mm COD/Test 'N Tube™ adapter, 4 AA alkaline batteries, printed multilingual instrument manual, USB Mini to USB Cable, European CE mark.
Interface:	USB type Mini IP67
Manual Languages:	English, French, German, Italian, Spanish, Portuguese, Bulgarian, Chinese, Czech, Danish, Dutch, Finnish, Greek, Hungarian, Japanese, Korean, Polish, Romanian, Russian, Slovenian, Swedish, Turkish
Operating conditions:	10 - 40 °C (50 - 104 °F), max. 80 % relative humidity (non- condensing)
Operating Mode:	Transmittance (%), Absorbance and Concentration
Optical System:	0 / 180 deg transmittance
Photometric Accuracy:	± 0.03 Abs
Photometric Linearity:	± 0.002 Abs (0 - 1 Abs)
Photometric Measuring Range:	0 - 2 Abs
Power supply:	4 x AA size alkaline cells
	4x NiMH rechargeable Battery*
	(*External charger required)
Reproducibility:	± 0.005 Abs (0 - 1 A)
Sample Cell Compatibility:	1 inch round or 16 mm round (with adapter)
Source Lamp:	Light Emitting Diode (LED)
Spectral Bandwidth:	15 nm filter bandwidth
Storage conditions:	-30 to 60 °C (-30 - 140 °F), max. 80 % relative humidity (non-condensing)
Supported chemistry:	Hach tests
Temperature Range:	0 - 50 °C (32 - 122 °F)
User Interface Languages:	English, French, German, Italian, Spanish, Portuguese, Bulgarian, Chinese, Czech, Danish, Dutch, Finnish, Greek, Hungarian, Japanese, Korean, Polish, Romanian, Russian, Slovenian, Swedish, Turkish
User programs:	Custom programming 10
Warranty:	12 months
Wavelength Accuracy:	± 1 nm (fixed, varies with model)
Wavelength Calibration:	N/A
Wavelength Range:	420 nm, 520 nm, 560 nm, 610 nm
Wavelength Selection:	Automatic
Weight:	0.6 kg with battery
What's included?:	Includes: DR900 instrument, USB cable with mini-USB connector, 4-AA alkaline batteries, 2 glass sample cells 1-inch (25 mm) round with 10, 20, 25-mL marks, 2 sample cells 1 cm/10 mL, sample cell adapter and multilingual user manual

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