



Be Right™



DR900 Multiparameter Portable Colorimeter

Product #: 9385100
SGD Price: Contact Hach

Multi parameter handheld water testing with over 90 colorimetric parameters for use in the most demanding field environments

The DR900 is a fantastic choice when it comes to field testing multiple parameters. Our customers love the ease of use of our handheld colorimeter. It is portable, rugged and time tested. Simplify your testing in the field by using the DR900.

- **Portability** – The portable colorimeter allows for quick and easy access to your most frequently used testing methods in less than four clicks. The portable colorimeter also helps satisfying core testing needs by offering at least 90 of the most common testing parameters.
- **Easy to use** – This instrument comes with an intuitive user interface, data storage for up to 500 tests and a built-in USB port for the easy transfer of information.
- **Ruggedness** – This colorimeter is waterproof, dustproof, shock resistant, and has been drop tested for greater quality assurance. Combining all these features with a push button backlit display for use in low light areas, you have a portable colorimeter which is field-ready, and makes testing in harsh field environments a little less challenging.

Applications:

Boiler Water | Cooling Water | Power | Water Treater | Drinking Water | Wastewater | Food and Beverage | Clean in Place (CIP) | Pool and Spa | Pulp and Paper

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)
Includes:	DR 900 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, instrument and procedure manuals on CD, 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 Humidity:	max 90 % relative humidity (non-condensing)
Operating Mode:	Transmittance (%), Absorbance and Concentration
Operating Temperature:	10 - 40 °C
Optical System:	0 / 180 deg transmittance
Photometric Accuracy:	± 0.005 Abs @1.0 ABS Nominal
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)
Region:	US
Reproducibility:	± 0.005 Abs (0 - 1 A)
Sample Cell Compatibility:	1 inch round or 16 mm round (with adapter)
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
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 in the box?

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