



DR900 Robust portable datalogging colorimeter

Product #: 9385200
AED Price: Contact Hach

Robust outdoor portable Colorimeter

Portable and robust, micro-processor-controlled colorimeter with power-saving LED technology. Pre-programmed with 90 Hach Methods.

The handheld colorimeter allows for quick and easy access to your most frequently used testing methods in less than four clicks. This colorimeter is waterproof, dustproof, shock resistant, and has been drop tested for greater quality assurance.

This instrument comes with an intuitive user interface, a large data storage and a built-in USB port for the easy transfer of information. The portable colorimeter also helps satisfying core testing needs by offering at least 90 of the most common testing parameters.

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.

Rugged construction

Dustproof, waterproof, shockproof

Designed for use in the field

True handheld analysis for use anywhere

Easy to use

Menu driven, step-by-step analysis

Reliable results without a main connection

Improved user interface allowing quick selection of tests

Configured for immediate use

Pre-programmed, ready to use "out of the box"

Specifications

Battery life:	6 months (typical) at 5 readings a day / 5 day week without backlight (backlight usage will decrease battery life)
Battery requirements:	4 AA size batteries
Cuvette compatibility:	1 inch round / 16 mm round (with adapter)
Detector:	Silicon photodiode
Dimensions (H x W x D):	231 mm x 96 mm x 48 mm
Display:	Graphical display 240 x 160 pixel (Backlit)
Enclosure waterproof rating:	IP67

Environmental conditions: relative humidity:	Max. 90 % relative humidity (non-condensing)
Environmental conditions: temperature:	10 - 40 °C
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, instrument manual multilingual printed, 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 mode:	Transmittance (%), Absorbance and Concentration
Optical system:	0 / 180 ° transmittance
Photometric accuracy:	± 0.03 Abs
Photometric linearity:	± 0.002 Abs (0 - 1 Abs)
Photometric measuring range:	0 - 2 Abs
Reproducibility:	± 0.005 Abs (0 - 1 A)
Source lamp:	Light Emitting Diode (LED)
Spectral Bandwidth:	15 nm filter bandwidth
Storage conditions:	-30 - 60 °C (-30 - 140 °F), max. 80 % relative humidity (non-condensing)
Stray light:	< 1.0 % at 400 nm
Supported chemistry:	Hach tests
Temperature range:	0 - 50 °C
User interface:	English, French, German, Italian, Spanish, Portuguese, Bulgarian, Chinese, Czech, Danish, Dutch, Finnish, Greek, Hungarian, Japanese, Korean, Polish, Romanian, Russian, Slovenian, Swedish, Turkish
User programmes:	10
Warranty:	24 months
Wavelength accuracy:	± 1 nm
Wavelength range:	420, 520, 560, 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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