

Hach DR 900 Handheld Colorimeter

The hand-held DR 900 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 DR 900 makes water testing in harsh field environments a little less challenging.

FEATURES

- **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 hand-held, 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 handheld instrument provides access to 90 of the most common parameters.

APPLICATIONS

- Drinking Water
- Wastewater
- Industrial Water

SPECIFICATIONS

Source Lamp	Light Emitting Diode (LED)
Wavelength Range	420 nm, 520 nm, 560 nm, 610 nm
Wavelength Selection	Automatic
Operating Mode	Transmittance (%), Absorbance and Concentration
Sample Cell Compatibility	1 inch round or 16 mm round (with adapter)
Data Logger	500 measured values (Result, Date, Time, Sample ID, User ID)
Enclosure Rating	IP67 (vial cover closed)
Battery Requirements	4, AA size alkali cells
Battery Life	6 months (typical) @ 5 readings a day/5 days/week without backlight**
Display	Graphical display 240 x 160 pixel (Backlit)

* Subject to change without notice.

** Backlight usage will decrease battery life.



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
Interface	USB type Mini IP67
Dimensions (H x W x D)	9.1 in. x 3.8 in. x 1.9 in. (231mm x 96mm x 48mm)
Weight	1.32 lbs. (0.6 kg) with battery
Includes	DR 900 Colorimeter, two 1-inch glass sample cells marked at 10, 20 and 25 mL, two 1cm plastic sample cells, 1 x 16mm 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.

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HACH DR 900 REAGENTS

Hach Method	Vendor Code	Parameter + Reagent Set	Reagent Type	Range	No. of Samples
8012	2242000	Aluminum Kit**	Powder Pillows	0.01-0.80 mg/l	100
8155	2668000	Ammonia Nitrogen Kit	Test 'N Tube ²	.01-0.50 mg/l	100
10023	2604545	Ammonia LR TNT Kit	Test 'N Tube ²	0.02 - 2.50 mg/l	25-50
10031	2606945	Ammonia HR Kit	Test 'N Tube ²	.4-50 mg/l	25-50
8014	1206499	Barium	Powder Pillow	2-800 mg/l	100
8079	2141299	Benzotriazole*	Powder Pillow	1.0-16 mg/l	100
10252	1417099	Boron	Powder Pillow	2-50 mg/l	100
8016	2105669	Bromine	Powder Pillow	0.05-4.50 mg/l	100
8016	2503025	Bromine DPD AcuVac [®]	Ampuls	0.05-4.50 mg/l	25
8345	(1)	Chlorine Dioxide	Direct Read	1-50 mg/l	
10069	1407099	Chlorine Free MR	Powder Pillow	0.05-4.0 mg/l	100
10069	1407099	Chlorine Free HR	Powder Pillow	0.1-10.0 mg/l	100
10102	2105545	Chlorine Free	Test 'N Tube ²	.09-5.0 mg/l	50
10070	1406499	Chlorine Total	Powder Pillow	0.10-10 mg/l	100
10250	1406499	Chlorine Total	Powder Pillow	.05-4.0 mg/l	100
10101	2105645	Chlorine Total	Test 'N Tube ²	0.09-5.0 mg/l	50
8167	2503025	Chlorine Total AcuVac [®]	Ampuls	0.02-2.0 mg/l	25
8023	1271099	Chromium, Hexavalent	Powder Pillow	0.01-.60 mg/l	100
8024	2242500	Chromium Total Kit	Powder Pillow	0.01-0.60 mg/l	100
8143	2504025	Copper AcuVac [®]	Ampuls	0.04-5.00 mg/l	25
8506/8026	2105869	Copper	Powder Pillow	0.04-5.00 mg/l	100
8027	2430200	Cyanide Kit	Powder Pillow	0.002-0.240 mg/l	100
8139	246066	Cyanuric Acid	Powder Pillow	7-55 mg/l	50
8028	2446800	Detergents/ Surfactants Kit	Solution	0.020-0.300 mg/l as LAS	25
8166	2515025	Dissolved Oxygen HR AcuVac [®]	Ampuls	0.3-15.0 mg/l	25
8316	2501025	Dissolved Oxygen LR AcuVac [®]	Ampuls	10-1000 ug/l	25
8029	44449	Fluoride	Solution	0.02-2.00 mg/l	125
10225	2506025	Fluoride AcuVac [®]	Ampul	0.02-2.00 mg/l	25
8030	2319900	Hardness Kit	Solution	0.05-4.00 mg/l	50-100
8141	179032	Hydrazine	Solution	10-500 ug/l	100
10290	1406499	Hydrogen Peroxide**	Powder Pillow	0.05-5.00 mg/l	100
10249	2105769	Iron FerroVer**	Powder Pillow	0.1-300 mg/l	100
8008	2507025	Iron FerroVer LR	Ampuls	0.02-3.00 mg/l	25
8112	2608799	Iron Total	Powder Pillow	0.04-1.80 mg/l	100
8034	2430000	Manganese HR Kit	Powder Pillow	0.2-40.0 mg/l	100
8149	2651700	Manganese LR Kit	Powder Pillow	0.006-0.7 mg/l	50

Hach Method	Vendor Code	Parameter + Reagent Set	Reagent Type	Range	No. of Samples
8036	2604100	Molybdenum HR Kit	Powder Pillow	0.2-40.0 mg/l	100
10171	2802246	Monochloramine LR	Powder Pillow	0.04-4.50 mg/l	50
10172	2805145	Monochloramine HR Kit	Test 'N Tube ²	0.1-10.0 mg/l	50
8150	2651600	Nickel	Powder Pillow	0.006-1.000 mg/l	50
8039	2106169	Nitrate	Powder Pillow	0.3-30 mg/l	100
8039	2511025	Nitrate AcuVac [®]	Ampuls	0.3-30 mg/l	25
10020	2605345	Nitrate Test 'N Tube	Test 'N Tube ²	0.2-30 mg/l	50
8192	2429800	Nitrate LR Kit	Powder Pillow	0.01-.50 mg/l	100
8171	2106169	Nitrate MR	Powder Pillow	0.2-5.0 mg/l	100
8171	2511025	Nitrate MR AcuVac [®]	Ampuls	0.2-5.0 mg/l	25
10019	2608345	Nitrite	Test 'N Tube ²	0.003-0.500 mg/l	50
8153	2107569	Nitrite HR	Powder Pillow	2-150 mg/l	100
8507	2107169	Nitrite LR	Powder Pillow	0.005-0.350 mg/l	100
10071	2672245	Nitrogen Total LR	Test 'N Tube ²	0.5-25 mg/l	50
10072	2714100	Nitrogen Total HR	Test 'N Tube ²	2-150 mg/l	50
10021	2604945	Nitrogen Total Inorganic**	Test 'N Tube ²	0.2-25.0 mg/l	50
8311	2516025	Ozone AcuVac [®]	Ampuls	0.01-1.50 mg/l	25
10076	2657512	pH**	Solution	6.5-8.5 pH Units	50 ml
8007	2429700	Phosphonates Kit	Powder Pillow	0.02-125 mg/l	100
8048	2106069	Phosphorus	Powder Pillow	0.02-2.50 mg/l	100
8048	2508025	Phosphorus	Ampuls	0.02-2.50 mg/l	25
10127	2767245	Phosphorus Kit	Test 'N Tube ²	1.0-100.0 mg/l	50
8049	2459100	Potassium Kit	Powder Pillow	0.1-700 mg/l	25
8185	2429600	Silica HR Kit	Powder Pillow	1-75 mg/l	100
8186	2459300	Silica LR Kit	Powder Pillow	0.01-1.60	100
10248/8051	2106769	Sulphate LR	Powder Pillow	2-7000 mg/l	100
10254/8131	2244500	Sulfide/Hydrogent Sulfide Ki	Solution	0.01-70 mg/l	50
8006	(1)	Suspended Solids	Direct Read	5-750 mg/l	
8193	2244600	Tannin and Lignin	Solution	0.1-9.0 mg/l	100
8075	2495300	TKN Kit	Solution	1-150 mg/l	250
10128/10129/10173	2760445	Total Organic Carbon Kit	Test 'N Tube ²	20-700 mg/l	50
10017	2597200	Toxicity Kit	Test 'N Tube ²	0-100%	25
8237	(1)	Turbidity	Direct Read	21-1000 FAU	
8196	2244700	Volatile Acids Kit	Solution	27-2800 mg/l	90
8009	2429300	Zinc Kit	Powder Pillow	0.01-3.0 mg/l	100

(1) No reagent required - direct read method

² Test 'N Tube Reagents Require Adapter 4846400

*Method Requires UV Lamp, Vendor #2082800

**Method requires additional reagents/items not listed. Review method details for more information.