

Comparison:



DR4900 vs. DR3900

Smarter Technology for Reliable Results

NEW!



Features	DR4900	DR3900
<p>Best-In-Class Spectrophotometric Optical System Proven reliable optical system with layers of designed redundancy for consistent results every time.</p>	✓	✓
<p>Bright 10" Screen with Modern User Interface Clean, simplified screen designed specifically for your daily work. Large results, clear errors, and easy access to sample ID information and timers to help make your tasks fully intuitive.</p>	✓	✗
<p>Built-In Turbidity Diagnostics for TNTplus Vial Tests Ensure that your TNTplus vial test results aren't being compromised by the presence of turbidity in your sample. Additional optics automatically check the turbidity of your vial test and provide alerts when your measurement is at risk and a filtered sample may be needed.</p>	✓	✗
<p>Integrated Temperature Sensor for TNTplus Vial Tests Verify that your TNTplus test vial results are not impacted by the temperature of your sample. Methods were systematically evaluated for the influence of temperature, and new sensors check your vial and bring this information to your fingertips – letting you know if your result is impacted.</p>	✓	✗
<p>Access to Hach®'s Full Catalog of VIS Methods Access over 200 methods - including the full TNTplus catalog of vial chemistries, and much more. The DR series spectrophotometers deliver a streamlined platform to fast, simple, and accurate parameter testing in the lab.</p>	✓	✓
<p>Workflow-Enabled for the Needs of Your Lab Engineered by chemists for chemists, the platform streamlines critical workflows, providing instant access to Certificates of Analysis, real-time sample tracking, and secure, role-based user management tailored to your operational requirements.</p>	✓	✓
<p>Service protected A complete portfolio of field and bench service plans protect your investment and peace of mind.</p>	✓	✓



Technical specifications		
Supporting Workflows (CoA, Easy Update, Sample Tracking)	Camera	RFID
Display	10-in HD Touchscreen	7-in Colored Touchscreen
Source lamp	Halogen	
Wavelength range	320–1100 nm	
Wavelength accuracy	± 1.5 nm	
Spectral bandwidth	5 nm	
Data log	10,000 measured values (Result, Date, Time, Sample ID, User ID)	2000 measured values (Result, Date, Time, Sample ID, User ID)
User programs	> 100	
Preprogrammed methods	> 240	
Dimensions (H x W x D)	255 mm x 226 mm x 344 mm (10.0 in x 8.9 in x 13.5 in)	350 mm x 151 mm x 255 mm (13.8 x 6 in x 10 in)
Weight	4.6 kg (10.1 lbs)	4.2 kg (9.3 lbs)



World Headquarters: Loveland, Colorado USA | hach.com

United States 800-227-4224 fax: 970-669-2932 email: orders@hach.com
Outside United States 970-669-3050 fax: 970-461-3939 email: intl@hach.com

©Hach Company, 2025. All rights reserved. In the interest of improving and updating its equipment, Hach Company reserves the right to alter specifications to equipment at any time.

DOC062.53.20380.Apr26