

HACH DR3900 LABORATORY PHOTOMETRY SYSTEMS

Product Data Sheet

DR3900 LPG440.99.00002

benchtop VIS spectrophotometer

FUNCTION	FAMILY	ORIGIN	WEIGHT
benchtop VIS spectrophotometer	Hach DR3900 laboratory photometry systems	United States	4.20 kg

HACH DR3900 LPG440.99.00002 is a benchtop VIS spectrophotometer for the Hach DR3900 laboratory photometry systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Wavelength Range	320 to 1100 nm
Wavelength Accuracy	±1.5 nm from 340 to 900 nm
Wavelength Repeatability	±0.1 nm
Wavelength Resolution	1 nm
Spectral Bandwidth	5 nm
Photometric Range	±3.0 absorbance units
Photometric Accuracy	5 mAbs to 0.5 Abs
Display Resolution	800 × 480 pixels
Display Type	7-inch TFT color touchscreen
Result Storage	2000 measurement records

ADDITIONAL PRODUCT DATA

Program Capacity	More than 220 methods
User Programs	100 methods
Operating Temperature	10 to 40 °C
Enclosure Rating	IP30
Power Supply	110 to 240 V, 50/60 Hz

OFFICIAL APPLICATIONS

- Treatment laboratory nutrient and disinfectant testing: Chlorine concentration measurement; Nutrient test vial analysis
- Process laboratory color and ingredient analysis: Beverage color absorbance testing; Ingredient concentration verification
- Production laboratory formulation and batch testing: Batch solution concentration checks; Process sample absorbance scans

SYSTEM COMPATIBILITY

Match DR3900 LPG440.99.00002 to the installed Hach DR3900 laboratory photometry systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[HACH official manufacturer documentation](#)

Manufacturer official document

AMIKON PRODUCT SUPPORT

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