APTER POWER

INDUSTRIAL AUTOMATION PRODUCT

LPG440.99.00002

DR3900 Spectrophotometer

HACH LPG440.99.00002 is a DR3900 visible-spectrum laboratory spectrophotometer configuration without RFID technology. It supports water-analysis measurements across the documented 320-1100 nm range.

IDENTITY	VERIFIED VALUE
Manufacturer	HACH
Complete model	LPG440.99.00002
Product role	DR3900 Spectrophotometer
System family	DR3900 laboratory water-analysis platform
Country of origin	Germany

DOCUMENT SCOPE

Exact identity, manufacturer-supported technical data, installation checks, applications, precautions and controlled verification records.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

Technical Specifications

PARAMETER	VERIFIED VALUE
Authorized source model	LPV440.99.00002
Instrument type	DR3900 laboratory spectrophotometer
Optical range	320-1100 nm
RFID configuration	Without RFID technology
Supply	110-240 V
Method identification	TNTplus 2D barcode
Application class	Water analysis
Manufacturer	HACH

Model-Specific Engineering Note

ENGINEERING BOUNDARY

Before commissioning HACH LPG440.99.00002, verify the 110-240 V supply, optical cell/sample path, installed method portfolio and result-recording workflow. Use the documented TNTplus identification process and confirm a reference measurement before routine analysis.

Pre-Installation Checks

NO.	REQUIRED CHECK
1	Verify HACH LPG440.99.00002 against the LPV440.99.00002 source record and nameplate before setup.
2	Confirm the available 110-240 V supply and protective connection before energizing the instrument.
3	Keep the optical cell area, sample compartment and vial surfaces clean and free from contamination.
4	Use the documented TNTplus vial and 2D barcode identification workflow for supported methods.
5	Confirm the selected method, range and reagent lot before accepting a measurement result.

System Role and Architecture

HACH LPG440.99.00002 is a DR3900 visible-spectrum laboratory spectrophotometer configuration without RFID technology. It supports water-analysis measurements across the documented 320-1100 nm range.

FUNCTION 1

Visible-spectrum 320-1100 nm measurement

FUNCTION 2

DR3900 laboratory water-analysis platform

FUNCTION 3

TNTplus 2D barcode method identification

FUNCTION 4

RFID-free configuration documented by HACH

Common Applications

APPLICATION	ENGINEERING CONTEXT
Municipal and potable water	Supports documented laboratory measurements for municipal and potable-water workflows.
Groundwater and surface water	Provides visible-spectrum testing for groundwater and surface-water analysis.
QA/QC laboratory testing	Fits controlled laboratory method execution and result review.
Production and pretreatment checks	Supports water-production and pretreatment measurement programs.

CONTROLLED ACCEPTANCE DUTY

Confirm identity, physical interface, companion hardware, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify HACH LPG440.99.00002 against the LPV440.99.00002 source record and nameplate before setup.
2	Confirm the available 110-240 V supply and protective connection before energizing the instrument.
3	Keep the optical cell area, sample compartment and vial surfaces clean and free from contamination.
4	Use the documented TNTplus vial and 2D barcode identification workflow for supported methods.
5	Confirm the selected method, range and reagent lot before accepting a measurement result.
6	Record sample identity, method selection and instrument status for controlled QA/QC work.
7	Protect the instrument from unsuitable sample spills and follow the current HACH cleaning procedure.
8	Run a reference or control measurement and retain the result before routine release.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is the authorized source model for HACH LPG440.99.00002?	This page uses the HACH LPV440.99.00002 DR3900 official product record as the authorized technical source for LPG440.99.00002.
What optical range is documented for HACH LPG440.99.00002?	The HACH DR3900 record documents a visible-spectrum range of 320-1100 nm.
Does HACH LPG440.99.00002 include RFID technology?	The authorized HACH record identifies the LPV440.99.00002 configuration as without RFID technology.
How does HACH LPG440.99.00002 identify TNTplus methods?	The DR3900 workflow uses a 2D barcode on the TNTplus vial to identify the appropriate method.

Model-Specific FAQ - Part 2

QUESTION	ANSWER
Which supply range is associated with HACH LPG440.99.00002?	The HACH DR3900 publication identifies the source configuration as 110-240 V.
Which water applications suit HACH LPG440.99.00002?	The HACH record lists groundwater, municipal water, potable water, pretreatment, production water, QA/QC laboratory and surface-water applications.
What should be checked before accepting a HACH LPG440.99.00002 result?	Verify the method, range, reagent or TNTplus vial, sample identity and control or reference result before accepting the measurement.
What must be recorded after replacing HACH LPG440.99.00002?	Record the exact marking, source configuration, method portfolio, reference check and any changed sample or result workflow before release.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Rosemount 3900-02-10	View Rosemount 3900-02-10
Rosemount 396P-08-10-55	View Rosemount 396P-08-10-55
Rosemount 396P-02-12-55	View Rosemount 396P-02-12-55
ICS Triplex T8431CX	View ICS Triplex T8431CX
Schneider Electric ATV320U75N4B	View Schneider Electric ATV320U75N4B
Schneider Electric ATV61HD75N4	View Schneider Electric ATV61HD75N4
Schneider Electric ATV71HD75N4	View Schneider Electric ATV71HD75N4
Schneider Electric BSH1402P21A2A	View Schneider Electric BSH1402P21A2A

MANUFACTURER SOURCE RECORD

DR3900 Laboratory Spectrophotometer without RFID Technology
HACH official product record LPV440.99.00002; HACH DR3900 Spectrophotometer publication LIT2667

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

LPG440.99.00002