VWR® SPECTROPHOTOMETERS

Reliable

Accurate

Easy to Use

2 year warranty

Your first choice for spectrophotometry

Quality Guaranteed

VWR® SPECTROPHOTOMETERS

Single Beam Units

VWR offers a choice of 5 models of single beam VIS and UV/VIS spectrophotometers, each with a ready-to-use package including glass or quartz cells. These robust units feature easy handling plus all the functions required for daily measurements in your lab. A large sample compartment coupled with an extensive range of optional accessories allow you to customize your unit to your requirements.

Double Beam Option

The newest member of the spectrophotometer family is the UV- 6300PC. With our large range of accessories, this powerful unit is an all-around top performer in a host of different applications - from research to pharmaceutical labs, to QC and new material development.

Software

Two different software packages — M.Wave Professional or UV-Analyst (depending on the model) — transform these stand-alone units to allow greater results, storage and more demanding analysis of results.

VWR® Double Beam UV-VIS Spectrophotometer

- Standard photometrics - absorption, transmission, concentration
- Quantitative analysis and kinetics
- Multi-wavelength scan, spectrum scan
- DNA/RNA and protein analysis
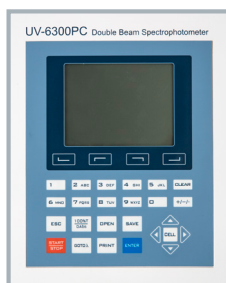
Description	Cat. No.
UV-6300PC Spectrophotometer	**10037-442**

Specifications

Baseline flatness	0.001 A (200 - 1000 nm)
Control	Internal control via keypad with optional PC control
Display	LCD 320 × 240 pixel
Interfaces	USB and parallel printer interface
Keyboard	Keypad
Languages	English, French, German and Spanish
Light source	Deuterium and tungsten lamps
Model	UV-6300PC
Optical system	Double beam
PC software	UV-Vis Analyst
Photometric accuracy	±0.002 A at 1 A; ≤0.3% T
Photometric range	−0.3 to 3.0 A; 0 to 200% T; 0 - 9999C
Photometric stability	0.001 A/h at 500 nm
Scan	Scan intervals: 0.1; 0.2; 0.5; 1.0 and 5.0 nm
Scan speed (nm/min)	100 - 3000
Spectral bandwidth (nm)	1
Storage capacity	200 results and 200 standard curves
Stray light	≤0.05% T at 220 and 360 nm
Wavelength accuracy (nm)	±0.3
Wavelength range (nm)	190 - 1100
Weight (kg)	26
W×D×H (mm)	590 × 420 × 260

Represents the reliability and robustness that we provide in all our units.

2 year warranty

## VWR® Spectrophotometers, Basic Vis or UV-VIS, V-1200, UV-1600PC

- Large LCD display (128 × 64 pixels)
- Can save up to total 200 results and 200 standard curves
- Download data to PC via USB interface
- Application software allows PC control of the spectrophotometers (delivered with UV-1600PC); includes the following methods: Basic mode, quantitative, wavelength scan, kinetics, multi-wavelength, DNA/protein
- Variety of optional accessories including an automatic 8-cell changer

Description	Cat. No.
V-1200 Spectrophotometer	**10037-434**
UV-1600PC Scanning Spectrophotometer	**10037-436**

Specifications

	10037-434	10037-436
Display	Graphic LCD (128 × 64 pixels)	
Interfaces	USB port to PC / parallel port to printer	
Languages	EN, DE, ES, FR	
Light source	Tungsten halogen	Deuterium/tungsten halogen
Model	V-1200	UV-1600PC
Optical system	Single beam, grating 1200 lines/mm silicon photodiode detector	
Photometric accuracy	±0.5% T	±0.5% T
Photometric range	−0.3 to 3 A; 0 - 200% T	
Photometric reproducibility	±0.3% T	±0.2% T
Photometric stability	±0.002 A/h @ 500 nm	
Power requirements	120V	
Spectral bandwidth (nm)	4	
Stray light	≤0.3% T	±0.05% T @ 220, 360 nm
Wavelength accuracy (nm)	±2	±0.5
Wavelength range (nm)	325 - 1000	190 - 1100
Wavelength repeatability (nm)	≤0.8	≤0.3
Weight (kg)	12	14
W×D×H (mm)	490 × 360 × 210	490 × 360 × 240

Represents the reliability and robustness that we provide in all our units.

2 year warranty
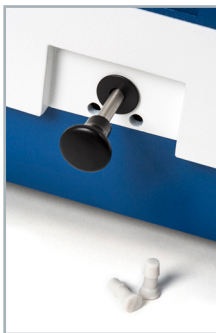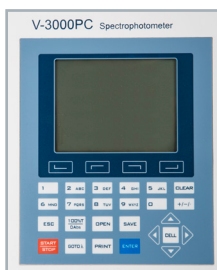
VWR® Spectrophotometers, UV-VIS Scanning, UV-3100PC and Vis V-3000-PC

- Large LCD display (320 × 240 pixels)
- Full scan mode
- Easily accessible USB port for data import and export
- Supplied application software 'UV-VIS Analyst' allows PC control of the spectrophotometer
- Methods for PC control or stand-alone include: Basic mode, quantitative, wavelength scan, kinetics, multi-wavelength, DNA/protein
- The range of accessories includes an automatic 8-cell changer and Peltier thermostatted single cell holder

Description	Cat. No.
V-3000PC, VIS Scanning Spectrophotometer	10037-440
UV-3100PC, UV/VIS Scanning Spectrophotometer	10037-438

Specifications

	10037-438	10037-440
Baseline flatness	±0.002 A (200 - 1000 nm)	±0.002 A (320 - 1000 nm)
Display	5" graphic LCD (320 × 240 pixels)	
Interfaces	USB port to PC / parallel port to printer	
Languages	EN, DE, ES, FR	
Light source	Deuterium/tungsten halogen	Tungsten halogen
Model	UV-3100PC UV-VIS	V-3000PC
No. of standards	200 standard curves	
Optical system	Single beam, grating 1200 lines/mm, silicon photodiode detector	
Photometric accuracy	≤±0.5% T or 0.005 A at 1 A	
Photometric range	−0.3 to 3 A; 0 - 200% T; 0 - 9999 Conc	
Photometric reproducibility	±0.2% T	
Photometric stability	±0.002 A/h @ 500 nm	
Power requirements	120V	
Results storage	200	
Scan speed (nm/min)	Low, medium, high (max. 3000 nm/min)	
Spectral bandwidth (nm)	2	4
Stray light	±0.05% T @ 220, 360 nm	±0.05% T at 360 nm
Wavelength accuracy (nm)	±0.5	
Wavelength range (nm)	190 - 1100	320 - 1100
Wavelength repeatability (nm)	≤0.2	
Weight (kg)	14	12
W×D×H (mm)	490 × 360 × 240	

2 year warranty

Represents the reliability and robustness that we provide in all our units.

M.Wave Professional

Full functionality of stand-alone unit plus more powerful data processing, expanded data collecting and storage capability. Optional for V-1200, included with UV-1600PC.

Basic functionalities
- Basic photometric mode
- Quantitative test (standard curve)
- Wavelength scanning
- Kinetics
- DNA/protein
- Multi-wavelength test
- System utility

PC system requirements:
Pentium or above PC, CD-ROM, USB ports; 32 MB memory (>256 MB is strongly recommended); >50 MB hard disc space; Microsoft Windows 2000/XP/Vista/7

More advanced software functionalities
- Printable spectrums, results and reports
- No memory limits by spectrophotometer
- Wavelength scan includes 20 standards for curve fitting: Linear/linear through zero/square
- Automatic record of peaks and valleys (unlimited number of channels)
- Off-line calculation and processing including:
    1st to 4th derivation
    Rescaling axes, smoothing, combination, zooming, overlap
- Multiwavelength scan
- Up to 20 wavelengths
- DNA/protein concentration

PC Software UV-Analyst

Full functionality of stand-alone unit plus more powerful data processing, expanded data collecting and storage capability. Included with UV-3000PC, UV-3100PC and UV-6300PC.

Basic functionalities
- Basic photometric mode
- Quantitative test (standard curve)
- Wavelength scanning
- Kinetics
- DNA/protein
- Multiwavelength test
- System utility

PC system requirements:
Pentium or above PC, CD-ROM, USB ports; 32 MB memory (>256 MB is strongly recommended); >50 MB hard disc space; Microsoft Windows 2000/XP/Vista/7

More advanced software functionalities
- Printable spectrums, results and reports
- No memory limits by spectrophotometer
- Wavelength scan includes 20 standards for curve fitting: Linear/linear through zero/square
- Automatic record of peaks and valleys (unlimited number of channels)
- Off-line calculation and processing including:
    1st to 4th derivation
    Smoothing, combination, zooming, overlap
- Multiwavelength scan
- Up to 20 wavelengths
- Multiple sample measurement (with optional automatic cell changer)

Specifications

	V-1200	V-3000PC	UV-1600PC	UV-3100PC	UV-6300PC
Cat. No.	10037-434	10037-440	10037-436	10037-438	10037-442
Remarks	–	–	–	Replaces 634-6002	–
Optical system	Single Beam	Single Beam	Single Beam	Single Beam	Double Beam
External memory interface	–	USB	–	USB	USB
Lamp	Tungsten	Tungsten	Deuterium D2, Tungsten	Deuterium D2, Tungsten	Deuterium D2, Tungsten
Wavelength range	325-1100 nm	320-1100 nm	190-1100 nm	190-1100 nm	190-1100 nm
Band width	4 nm	4 nm	4 nm	2 nm	2 nm
Wavelength Accuracy	±2 nm	±0.5 nm	±0.5 nm	±0.5 nm	±0.3 nm
Wavelength scan speed	–	100-1000 nm/s	–	100-1000 nm/s	100-3000 nm/s
Wavelength scan intervals	–	0.1, 0.2, 0.5, 1, 2, 5 nmk	0.1, 0.2, 0.5, 1, 2, 5 nm (only PC controlled)	0.1, 0.2, 0.5, 1, 2, 5 nm	0.1, 0.2, 0.5, 1, 2, 5 nm
Stray light	≤0.3 % T	≤0.05 % T @ 360 nm	≤0.05 % T @ 220 nm & 360 nm	≤0.05 % T @ 220 nm & 360 nm	≤0.05 % T @ 220 nm & 360 nm
Photometric range	0-200 % T, -0.3 - 3.0 A, 0 -9999 C	0-200 % T, -0.3 - 3.0 A, 0 -9999 C	0-200 % T, -0.3 - 3.0 A, 0 -9999 C	0-200 % T, -0.3 - 3.0 A, 0 -9999 C	0-200 % T, -0.3 - 3.0 A, 0 -9999 C
Photometric accuracy	≤±0.5 % T or 0.005 A @ 1 A	≤±0.5 % T or 0.005 A @ 1 A	≤±0.5 % T or 0.005 A @ 1 A	≤±0.5 % T or 0.005 A @ 1 A	≤±0.3 % T or 0.002 A @ 1 A
Baseline	–	0.002 A (320 to 1000 nm)	–	0.002 A (200 to 1000 nm)	0.001 A (200 to 1000 nm)
Stability	0.002 A/h @ 500 nm	0.002 A/h @ 500 nm	0.002 A/h @ 500 nm	0.002 A/h @ 500 nm	0.002 A/h @ 500 nm
Internal memory	200 Results & 200 Standard Curves	200 Results & 200 Standard Curves	200 Results & 200 Standard Curves	200 Results & 200 Standard Curves	200 Results & 200 Standard Curves
Operational Language	EN, FR, DE, SP	EN, FR, DE, SP	EN, FR, DE, SP	EN, FR, DE, SP	EN, FR, DE, SP
Display	128x64 Dots Matrix LCD	320x240 Dots Matrix LCD	128x64 Dots Matrix LCD	320x240 Dots Matrix LCD	320x240 Dots Matrix LCD
PC/Printer Interface	USB, Parallel	USB, Parallel	USB, Parallel	USB, Parallel	USB, Parallel
Weight	12 kg	12 kg	14 kg	14 kg	26 kg
Dimension (WxDxH) [mm]	490 x 360 x 240	490 x 360 x 240	490 x 360 x 240	490 x 360 x 240	590 x 420 x 260
Warranty	2 years	2 years	2 years	2 years	2 years

Included Accessories

	V-1200	V-3000PC	UV-1600PC	UV-3100PC	UV-6300PC
Packaging Content					
Manual 4-call changer (10 mm cells)	10037-444	10037-444	10037-444	10037-444	–
Single cell holder (10 mm cells)	–	–	–	–	10037-500, 10037-502
Quartz Cells	–	–	10037-472	10037-472	10037-472
Glass Cells	10037-462	10037-462	10037-462	10037-462	10037-462
Software	–	UV Analyst	M. Wave Prof.	UV Analyst	UV Analyst
Drivers	–	X	X	X	X
USB Cable (PC Connection)	–	X	X	X	X
USB Port	–	X	–	X	X
USB Stick (8 GB)	–	X	–	X	X
Instrument	X	X	X	X	X
Manual	X	X	X	X	X
Dust Cover	X	X	X	X	X
Power Cord (EU, CH, UK)	X	X	X	X	X

VWR® Spectrosil Spectrophotometer Cells

- Far UV quartz
- Wavelength range of 170–2700 nm
- Matched sets available
- Fully heat-fused construction

Description	External Dimensions	Internal Dimensions	Cover Type	Pathlength	Sample Volume	Cat. No.
Standard Rectangular	10W x 10L x 52H mm	10W x 10L mm	Screw Cap with Gasket	10 mm	3.5 mL	**414004**-054
Standard Rectangular	10W x 10L x 52H mm	10W x 10L mm	Screw Cap with Septum	10 mm	3.5 mL	**414004**-055
Micro, Black Sides	12.5W x 12.5L x 45H mm	2W x 10L mm	Flat Lid	10 mm	0.7 mL	**414004**-070
Semi-Micro	12.5W x 12.5L x 45H mm	4W x 10L mm	Flat Lid	10 mm	1.4 mL	**414004**-068
Standard Rectangular	12.5W x 12.5L x 48H mm	10W x 10L mm	Stopper	10 mm	3.5 mL	**414004**-078

VWR® Spectrosil Fluorometer Cells

- Far UV quartz
- Wavelength range of 170–2700 nm
- Fully heat-fused construction

| Exterior Dimensions	Cover Type	Cat. No.
12.5W x 12.5L x 45H mm	Stopper	**414004**-056
12.5W x 12.5L x 45H mm	Flat Lid	**414004**-064

VWR® Two-Sided Disposable Plastic Cuvettes

Compatible with most spectrophotometers and photometers, these two-sided disposable cuvettes are ideal for most spectrophotometry applications in the visible and near-UV range. Cuvettes are constructed of high-quality polymethyl methacrylate (PMMA or "acrylic") or polystyrene (PS), and provide accurate, reliable results. Available in macro and semi-macro sizes to accommodate most sample volumes.

Acrylic cuvettes are suitable for assays between 300nm and 900nm. Polystyrene cuvettes are ideal for routine assays between 340nm and 900nm.

Cuvettes have a 10mm lightpath and include an arrow mark to indicate direction of transmission and reduce variation. They are grouped by manufacturing mold cavity number to ensure the lowest variation in extinction coefficient, and are packaged in low-dust, low-scratch material.

Description	Material	Volume Range	Cat. No.
Semi-Micro	Polystyrene (PS)	1.5–3.0 mL	**97000**-586
Macro	Acrylic (PMMA)	2.5–4.5 mL	**97000**-588
Macro	Polystyrene (PS)	2.5–4.5 mL	**97000**-584
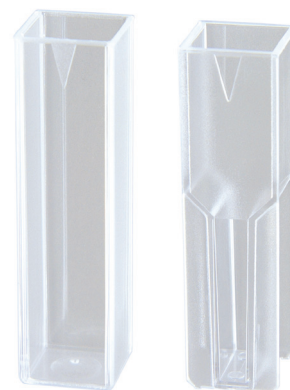
VWR® Standard Spectrophotometer Cuvettes

Feature four optical windows that are recessed to prevent scratching.

Description	Volume	L x W x H	Pathlength	Visibility	Cat. No.
Standard Cuvette, PS Grade Polystyrene	4.5 mL	10 x 10 x 45 mm	10 mm	340-800 nm	**58017**-880
Standard Cuvette, UV Grade Polymethylmethacrylate	4.5 mL	10 x 10 x 45 mm	10 mm	280-800 nm	**58017**-875
Cap for 4.5 mL Cuvettes with Square Opening, Polypropylene	—	—	—	—	**89000**-628
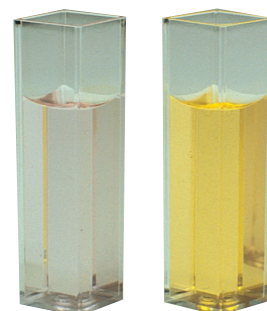
	Cat. No.	Product Name	Material	Material Thickness (mm)	Transmittance	Optical Path Width (mm)	Size LxWxH (mm)	Optical Path Length (mm)	Volume	Center beam Height (mm)	Package (pcs/box)
Cells Glass	10037-462	Cuvette, glass, square, 10 mm	B270 Optical Glass	1.25±0.1	≥79% at 700 nm	10±0.1	12.5 x 12.5 x 45	10±0.05	3.5 ml		4
	10037-464	Cuvette glass, rectangular, 20 mm	B270 Optical Glass	1.25±0.1	≥79% at 700 nm	10±0.1	22.5 x 12.5 x 45	20±0.05	7 ml		2
	10037-466	Cuvette, glass, square, 30 mm	B270 Optical Glass	1.25±0.1	≥79% at 700 nm	10±0.1	32.5 x 12.5 x 45	30±0.05	10.5 ml		2
	10037-468	Cuvette, glass, square, 50 mm	B270 Optical Glass	1.25±0.1	≥79% at 700 nm	10±0.1	52.5 x 12.5 x 45	50±0.05	17.5 ml		2
	10037-470	Cuvette, glass, square, 100 mm	B270 Optical Glass	1.25±0.1	≥79% at 700 nm	10±0.1	102.5 x 12.5 x 45	100±0.05	35 ml		1
Cells Quartz	10037-472	Cuvette, quartz, square, 10 mm	ES Quartz Glass	1.25±0.1 mm	≥79% at 200 nm	10±0.1	12.5 x 12.5 x 45	10±0.05	3.5 ml		2
	10037-474	Cuvette quartz, rectangular, 20 mm	ES Quartz Glass	1.25±0.1 mm	≥79% at 200 nm	10±0.1	22.5 x 12.5 x 45	20±0.05	7 ml		2
	10037-476	Cuvette, quartz, 30 mm	ES Quartz Glass	1.25±0.1 mm	≥79% at 200 nm	10±0.1	32.5 x 12.5 x 45	30±0.05	10.5 ml		2
	10037-478	Cuvette, quartz, 50 mm	ES Quartz Glass	1.25±0.1 mm	≥79% at 200 nm	10±0.1	52.5 x 12.5 x 45	50±0.05	17.5 ml		2
	10037-480	Cuvette, quartz, 100 mm	ES Quartz Glass	1.25±0.1 mm	≥79% at 200 nm	10±0.1	102.5 x 12.5 x 45	100±0.05	35 ml		1
Micro Cell Quartz	10037-492	Micro cell, quartz, 100 µl, 10 mm	ES Quartz Glass	1.25±0.1	≥79% at 200 nm	2±0.1	12.5 x 12.5 x 45	10±0.05	100 µl	15	1
	10037-494	Micro cell, quartz, 200 µl, 10 mm	ES Quartz Glass	1.25±0.1	≥79% at 200 nm	4±0.1	12.5 x 12.5 x 45	10±0.05	200 µl	15	1
	10037-482	Micro cell, quartz, 500 µl, 10 mm	ES Quartz Glass	1.25±0.1	≥79% at 200 nm	2±0.1	12.5 x 12.5 x 45	10±0.05	500 µl	15	1
Flow Cell Glass	10037-524	Flow cell, glass, 5 mm	B270 Optical Glass	1.25±0.1	≥79% at 700 nm	4±0.1	7.5 x 12.5 x 52	5±0.05	1.75 ml	15	1
	10037-526	Flow cell, glass, 10 mm	B270 Optical Glass	1.25±0.1	≥79% at 700 nm	4±0.1	12.5 x 12.5 x 52	10±0.05	3.5 ml	15	1
	10037-528	Flow cell, glass, 20 mm	B270 Optical Glass	1.25±0.1	≥79% at 700 nm	4±0.1	22.5 x 12.5 x 52	20±0.05	7 ml	15	1
	10037-530	Flow cell, glass, 30 mm	B270 Optical Glass	1.25±0.1	≥79% at 700 nm	4±0.1	32.5 x 12.5 x 52	30±1	10.5 ml	15	1
Flow Cell Quartz	10037-532	Flow cell, quartz, 5 mm	ES Quartz Glass	1.25±0.1	≥79% at 200 nm	4±0.1	7.5 x 12.5 x 52	5±0.05	1.75 ml	15	1
	10037-534	Flow cell, quartz, 10 mm	ES Quartz Glass	1.25±0.1	≥79% at 200 nm	4±0.1	12.5 x 12.5 x 52	10±0.05	3.5 ml	15	1
	10037-536	Flow cell, quartz, 20 mm	ES Quartz Glass	1.25±0.1	≥79% at 200 nm	4±0.1	22.5 x 12.5 x 52	20±0.05	7 ml	15	1
	10037-538	Flow cell, quartz, 30 mm	ES Quartz Glass	1.25±0.1	≥79% at 200 nm	4±0.1	32.5 x 12.5 x 52	30±1	10.5 ml	15	1

VWR Technical Product Support

VWR Technical Product Support is your one source for all VWR product technical questions. Consisting of experienced scientists with backgrounds in your area of research, the team is committed to providing you with real-time response and proven industry solutions. For assistance, email us at **TechnicalProductSupportNA@vwr.com** or call us at **1.888.897.5463**.

Accessories for VWR® Double Beam UV-VIS Spectrophotometer

Description	Cat. No.
Cylindrical Cell Holder, 16 mm dia.	**10037-514**
Single Sample Cell Holder for 10 mm Cuvette	**10037-500**
Single Reference Cell Holder for 10 mm Cuvette	**10037-502**
Single Position Water Jacketed Cell Holder, 10 mm	**10037-516**
Single Position Cell Holder for 100 mm Sq. Cuvettes	**10037-512**
4-Position Cell Holder for 10–50 mm Sq. Cuvettes	**10037-508**
4-Position Cell Holder for 100 mm Sq. Cuvettes	**10037-510**
4-Position Water Jacketed Cell Holder, 10 mm	**10037-518**
8-Position Auto Cell Changer	**10037-456**
Solid Sample Holder, 1.5–3 mm	**10037-522**
Test Tube Holder, 8–22 mm	**10037-520**
Halogen Lamp for UV-6300PC, 12V, 20W	**10037-498**

Accessories for VWR® VIS and UV-VIS Spectrophotometers

Description	Cat. No.
Cylindrical Cell Holder 16 mm dia.	**10037-450**
Single Position Water Jacketed Cell Holder, 10 mm	**10037-452**
4-Position Cell Holder for 10 mm Cuvettes	**10037-444**
4-Position Cell Holder for 10–50 mm Sq. Cuvettes	**10037-446**
4-Position Cell Holder for 100 mm Sq. Cuvettes	**10037-448**
4-Position Water Jacketed Cell Holder for 10 mm Cuvettes	**10037-460**
Micro Cell Holder	**10037-490**
Solid Sample Holder 1.5–3 mm	**10037-458**
Test tube Holder, 8–22 mm	**10037-454**
Deuterium Lamp for UV1600pc, UV-3100PC	**10037-486**
Halogen lamp for V-1200, UV-1600PC, UV-3100PC, V-3000PC	**10037-484**

Water, HiPerSolv CHROMANORM® for HPLC

From the exclusive family of high-quality, competitively-priced BDH Chemicals — high purity solvents for HPLC applications. These solvents are manufactured at a state of the art European ISO 9001/ISO 14001 solvent production facilities and feature an unparalleled combination of performance and price for even the most demanding liquid chromatography applications.

- Designed to meet demanding HPLC and UV/Vis analytical and quality control requirements
- Filtered down to 0.2 micron level and bottled under Nitrogen
- Feature tamper-evident caps for added peace of mind
- Carry Globally Harmonized System (GHS) labeling to help with compliance
- Feature environmentally-friendly corrugated/pulp case inserts that are fully recyclable

Description	Packaging	Cat. No.
1 L	Amber Glass Bottle with 45 mm Neck	BDH23595.100E
4 L	Amber Glass Bottle	BDH23595.400

n-Hexane, 97%, HiPerSolv CHROMANORM® for HPLC

From the exclusive family of high-quality, competitively-priced BDH Chemicals — high purity solvents for HPLC applications. These solvents are manufactured at a state of the art European ISO 9001/ISO 14001 solvent production facilities and feature an unparalleled combination of performance and price for even the most demanding liquid chromatography applications.

- Designed to meet demanding HPLC and UV/Vis analytical and quality control requirements
- Filtered down to 0.2 micron level and bottled under Nitrogen
- Feature tamper-evident caps for added peace of mind
- Carry Globally Harmonized System (GHS) labeling to help with compliance
- Feature environmentally-friendly corrugated/pulp case inserts that are fully recyclable

Description	Packaging	Cat. No.
1 L	Bottle with 45mm neck	BDH24575.100E
4 L	Amber Glass Bottle	BDH24575.400

Cyclohexane, HiPerSolv CHROMANORM for HPLC

Description	Packaging	Cat. No
4 L	Amber Glass Bottle	BDH83629.400

n-Heptane, HiPerSolv CHROMANORM® for HPLC

Description	Packaging	Cat. No.
4 L	Amber Glass Bottle	BDH24539.400

Methanol, HiPerSolv CHROMANORM® gradient for HPLC

From the exclusive family of high-quality, competitively-priced BDH Chemicals — high purity solvents for HPLC applications. These solvents are manufactured at a state of the art European ISO 9001/ISO 14001 solvent production facilities and feature an unparalleled combination of performance and price for even the most demanding liquid chromatography applications.

- Designed to meet demanding HPLC and UV/Vis analytical and quality control requirements
- Filtered down to 0.2 micron level and bottled under Nitrogen
- Feature tamper-evident caps for added peace of mind
- Carry Globally Harmonized System (GHS) labeling to help with compliance
- Feature environmentally-friendly corrugated/pulp case inserts that are fully recyclable

Size	Packaging	Cat. No.
1 L	Amber Glass Bottle with 45 mm Neck	BDH20864.100E
4 L	Amber Glass Bottle	BDH20864.400
5 L	Aluminum Bottle	BDH20864.500

Chloroform, HiPerSolv CHROMANORM® for HPLC

Size	Packaging	Cat. No.
4 L	Amber Glass Bottle	BDH83626.400

Acetonitrile, HiPerSolv CHROMANORM® Super gradient for HPLC

From the exclusive family of high-quality, competitively-priced BDH Chemicals — high purity solvents for HPLC applications. These solvents are manufactured at a state of the art European ISO 9001/ISO 14001 solvent production facilities and feature an unparalleled combination of performance and price for even the most demanding liquid chromatography applications

- Designed to meet demanding HPLC and UV/Vis analytical and quality control requirements
- Filtered down to 0.2 micron level and bottled under Nitrogen
- Feature tamper-evident caps for added peace of mind
- Carry Globally Harmonized System (GHS) labeling to help with compliance
- Feature environmentally-friendly corrugated/pulp case inserts that are fully recyclable

Size	Packaging	Cat. No.
1 L	Amber Glass Bottle with 45 mm Neck	BDH83639.100E
4 L	Amber Glass Bottle	BDH83639.400
5 L	Aluminum Bottle	BDH83639.500

EMD Millipore Uvasol® Solvents for Spectrophotometry

Description	Size	Cat. No.	Case of
Acetone	500 mL	EM1.00022.0500	6
Acetone	2.5 L	EM1.00022.2500	4
Acetonitrile	1 L	EM1.00016.1000	6
Chloroform	2.5 L	EM1.02447.2500	4
Ethanol	500 mL	EM1.00980.0500	6
Ethanol	2.5 L	EM1.00980.2500	4
N-Heptane	500 mL	EM1.04366.0500	6
N-Heptane	2.5 L	EM1.04366.2500	4
N-Hexane	500 mL	EM1.04372.0500	6
N-Hexane	2.5 L	EM1.04372.2500	4
Isooctane	500 mL	EM1.04718.0500	6
Isooctane	2.5 L	EM1.04718.2500	4
Methanol	500 mL	EM1.06002.0500	6
Methanol	2.5 L	EM1.06002.2500	4
N-Pentane	1 L	EM1.07179.1000	6
2-Propanol	1 L	EM1.00993.1000	6
2-Propanol	2.5 L	EM1.00993.2500	4
Toluene	1 L	EM1.08331.1000	6

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