



NIRS XDS RapidLiquid Analyzer

2.921.1410

Rapid, precise analyses of liquids and suspensions of all types.

The NIRS XDS RapidLiquid Analyzer enables rapid, precise analyses of liquid formulations and substances. Precise measurement results at the push of a button make the NIRS XDS RapidLiquid Analyzer an equally reliable and simple solution for quality monitoring in laboratories and processes. The samples are transferred to quartz cuvettes designed for multiple use or disposable glass vials; a tempered sample compartment ensures reproducible analysis conditions and thus accurate measurement results.

Below, the accessories are grouped into Scope of delivery and Optional accessories.

Please keep this printout at hand for ordering replacement material.

These lists may be subject to change.

Scope of delivery 2.921.1410

Qt.	Order no.	Description
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The result of 50 years experience in the area of spectroscopy was incorporated in the development of this NIRSystems spectrometer. The unique technology improves the signal-noise ratio at high resolution and enhances accuracy and precision. The patented monochromator and the modular design of the measuring module system make NIRSystems instruments indispensable for the spectral measurement of every imaginable sample type in the visible and near-infrared wavelength range (400 - 2,500 nm). The measuring modules can be replaced without difficulty, even during operation. This means that the user profits from the great flexibility in all areas of application.



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Accessory kit for NIRS XDS laboratory monochromators



Optional accessories

Order no.	Description	
6.7403.000	NIRS XDS spacer for disposable 8 mm vials (6.7402.000) Spacer for disposable glass vials with 8 mm diameter.	
6.7403.010	NIRS XDS spacer for disposable 4 mm vials (6.7402.010) Spacer for disposable glass vials with 4 mm diameter	
6.7403.020	XDS spacer for disposable 2 mm vials (6.7402.070) Spacer for the disposable glass vials with 2 mm diameter.	
6.7430.010	NIRS XDS lab spare parts kit NIRS XDS spare parts kit of the lab instrument is comprised of two spare lamps, two fan filters and four fuses.	

6.7430.000 NIRS XDS lab spare lamp

Spare lamp with 12 V and 50 W for the monochromator of the NIRS XDS laboratory instruments



6.7450.040 NIRS transmission wavelength calibration standard

Transmission wavelength calibration standard for NIRS XDS RLA Analyzer and NIRS XDS Transmission OptiProbe Analyzer



6.7401.040 NIRS XDS quartz cuvette, screw top, 20 mm pathlength

Quartz cuvette, screw top, with 20 mm pathlength for the recording of a spectrum of volatile liquids in transmission using an NIRS XDS RLA Analyzer.



6.7401.110 NIRS XDS quartz cuvette with open top, 0.5 mm pathlength

Open quartz cuvette with 0.5 mm pathlength for the recording of a spectrum of liquids in transmission using an NIRS XDS RLA Analyzer.



6.7403.110

NIRS XDS spacer for 0.5 mm cuvettes (6.7401.110)

Spacer for fixing open quartz cuvettes with 0.5 mm total pathlength in an NIRS XDS RLA Analyzer.



6.7401.310

Flow-through cell, 1 mm

Flow quartz cuvettes with an optical path length of 1.0 mm suitable for near-infrared spectroscopy (NIRS) analyses.

Compatible with:

- Holder OMNIS NIR, flow-through cell (6.070401.100)
- DS2500 holder for flow cells (6.7493.000)



6.7401.200

Quartz cuvette, 1 mm

Quartz glass cuvette with a window made of quartz glass of maximum purity and homogeneity. The cuvettes have a transmission of more than 80% in the wavelength range of 200–2500 nm.

Compatible with:

- NIRS Spacer for set of 12.5 mm cuvettes (6.7403.180)
- DS2500 holder for 1 mm cuvette (6.7492.100)
- Holder OMNIS NIR, cuvette, 1 mm (6.07401.010)



Vision Air - Universal spectroscopy software.

Vision Air Complete is a modern and simple-to-operate software solution for use in a regulated environment.



Overview of the advantages of Vision Air:

- Individual software applications with adapted user interfaces ensure intuitive and simple operation
- Simple creation and maintenance of operating procedures
- SQL database for secure and simple data management

The Vision Air Complete version (66072208) includes all applications for quality assurance using Vis-NIR spectroscopy:

- Application for instrument and data management
- Application for method development
- Application for routine analysis

Additional Vision Air Complete solutions:

- 66072207 (Vision Air Network Complete)
- 66072209 (Vision Air Pharma Complete)
- 66072210 (Vision Air Pharma Network Complete)

Vision Air - Universal spectroscopy software.

Vision Air Network is a modern and simple-to-operate software solution. The network version enables the structuring of a global server-client network with a central database.



Overview of the advantages of Vision Air:

- Individual software applications with adapted user interfaces ensure intuitive and simple operation
- Centralized data and instrument management
- Simple configuration and updating of several devices in just a few steps

The Vision Air Network Complete version (66072207) contains all applications for quality assurance using Vis-NIR spectroscopy:

- Application for a global instrument and data management
- Application for method development
- Application for routine analysis

Vision Air - Universal spectroscopy software.

Vision Air Pharma Complete is a modern and simple-to-operate software solution for use in regulated environments.



Overview of the advantages of Vision Air:

- Individual software applications with adapted user interfaces ensure intuitive and simple operation
- Simple creation and maintenance of operating procedures
- SQL database for safe and simple data management
- In compliance with all requirements pursuant to Title 21 CFR Part

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The Vision Air Pharma Complete version (66072209) contains all applications for quality assurance using Vis-NIR spectroscopy:

- Application for instrument and data management
- Application for method development
- Application for routine analysis

Vision Air - Universal spectroscopy software.

Vision Air Pharma Network Complete is a modern and simple-to-operate software solution. The network version enables the setup of a global server-client network with a central database.



Overview of the advantages of Vision Air:

- Individual software applications with adapted user interfaces ensure intuitive and simple operation
- Centralized data and instrument management
- Simple configuration and updating of several instruments in just a few steps
- In compliance with all requirements pursuant to Title 21 CFR Part 11

The Vision Air Pharma Network Complete version (66072210) contains all applications for quality assurance using Vis-NIR spectroscopy:

- Application for a global instrument and data management
- Application for method development
- Application for routine analysis

The NIRS Spacer for 12.5 mm cuvette set ensures spacers for an optimum position of the cuvette in the sample holder.



6.7401.210

Quartz cuvette, 2 mm

Quartz glass cuvette with a window made of quartz glass of maximum purity and homogeneity. The cuvettes have a transmission of more than 80% in the wavelength range of 200–2,500 nm.

Compatible with:

- NIRS Spacer for set of 12.5 mm cuvettes (6.7403.180)
- DS2500 holder for 2 mm cuvette (6.7492.110)
- Holder OMNIS NIR, cuvette, 1 mm (6.07401.010)



6.7401.220

Quartz cuvette, 5 mm

Quartz glass cuvette with a window made of quartz glass of maximum purity and homogeneity. The cuvettes have a transmission of more than 80% in the wavelength range of 200–2500 nm.

Compatible with:

- NIRS Spacer for set of 12.5 mm cuvettes (6.7403.180)
- DS2500 holder for 5 mm cuvette (6.7492.120)
- Holder OMNIS NIR, cuvette, 5 mm (6.07401.030)



6.7401.230

Quarzküvette, 10 mm

Quarzglasküvette mit einem Fenster aus Quarzglas in höchster Reinheit und Homogenität. Die Küvetten haben eine Transmission von über 80% im Wellenlängenbereich von 200 nm - 2500 nm.

Kompatibel mit:

- NIRS Spacer für 12.5 mm Küvettenset (6.7403.180)
- DS2500 Halter für 10 mm Küvette (6.7492.130)
- Halter OMNIS NIR, Küvette, 10 mm (6.07401.040)



Flow quartz cuvettes with quartz glass window and an optical path length of 0.5 mm suitable for near-infrared spectroscopy (NIRS) analyses.

Compatible with:

- Holder OMNIS NIR, flow-through cell (6.070401.100)
- DS2500 holder for flow cells (6.7493.000)



The flow quartz cuvettes enable continuous monitoring, for example of tablet disintegration processes and reaction kinetics. The high pressure resistance and a special bubble capturing system make all measurements particularly easy.

Windows made of quartz glass of maximum purity and homogeneity ensure a transmission of more than 80% in the wavelength range of 200 nm - 2,500 nm.

A variety of pathlengths are available:

0.5 mm pathlength and a volume = 175 µL (order number: 67401300)

1 mm pathlength and a volume = 350 µL (order number: 67401310)

2 mm pathlength and a volume = 700 µL (order number: 67401320)

5 mm pathlength and a volume = 1,750 µL (order number: 67401330)

10 mm pathlength and a volume = 3,500 µL (order number: 67401340)

Dimensions h x l x w = 35 mm x 12.5 mm x 12.5 mm

Window height = 8.5 - 15 mm

Compatible with the NIRS spacer for the XDS RapidLiquid Analyzer and the DS2500 holder for the DS2500 Liquid Analyzer.



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2 mm pathlength and a volume = 700 μL (order number: 67401320)

5 mm pathlength and a volume = 1,750 μL (order number: 67401330)

10 mm pathlength and a volume = 3,500 μL (order number: 67401340)

Dimensions h x l x w = 35 mm x 12.5 mm x 12.5 mm

Window height = 15 mm

Compatible with the NIRS spacer for the XDS RapidLiquid Analyzer



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1 mm pathlength and a volume = 350 µL (order number: 67401310)

2 mm pathlength and a volume = 700 µL (order number: 67401320)

5 mm pathlength and a volume = 1,750 µL (order number: 67401330)

10 mm pathlength and a volume = 3,500 µL (order number: 67401340)

Dimensions h x l x w = 35 mm x 12.5 mm x 12.5 mm

Window height = 15 mm

Compatible with the NIRS spacer for the XDS RapidLiquid Analyzer



Certified wavelength and transmission standards (0.25 AU, 0.5 AU, 1 AU, 1.5 AU and 2.0 AU) for NIRS XDS RapidLiquid Analyzer and NIRS XDS Transmission OptiProbe Analyzer in regulated environments.



Cleaning cloth for monitors and optics.



6.7402.070

Disposable vials, 2 mm diameter, transmission

200 lockable disposable glass vials (borosilicate) with a diameter of 2 mm for analyses of liquids in transmission mode.

Compatible with:

- Holder OMNIS NIR, vial, 2 mm (6.07401.050)
- DS2500 holder for flow cells (6.7492.000)



6.7402.100

Disposable vials, 10 mm diameter, transmission

195 lockable disposable glass vials (borosilicate) with a diameter of 10 mm for analyses of liquids in transmission.

Compatible with:

- Holder OMNIS NIR, vial, 10 mm (6.07401.080)
- DS2500 holder for 4 mm disposable vials (6.7492.030)



6.7403.030

XDS spacer for disposable 10 mm vials (6.7402.100)

Spacer for the disposable glass vials with 10 mm diameter.



6.7402.240

Disposable vial, 8 mm, transmission, qty. 100

100 disposable glass vials (borosilicate) with an optical path length of 8 mm for analyses of liquids in transmission. The disposable vials are supplied with the associated stoppers (number of pieces = 100).

Compatible with:

- Holder OMNIS NIR, vial, 8 mm (6.07401.070)
- DS2500 holder for 8 mm disposable vials (6.7492.020)

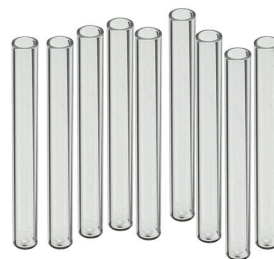


6.7402.250 Disposable vial, 4 mm, transmission, qty. 200

200 disposable glass vials (borosilicate) with an optical path length of 4 mm for analyses of liquids in transmission.

Compatible with:

- Holder OMNIS NIR, vial, 4 mm (6.07401.060)
- DS2500 holder for 4 mm disposable vials (6.7492.010)



6.7402.260 Stopper for disposable vial, 4 mm, qty. 100

100 stoppers for 4 mm transmission disposable vials (6.7402.250).

