





Accessories for 2.921.1310

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 2.921.1310

Qty.	Order no.	Description	
1 pcs	1.921.0010	NIRS XDS Monochromator	 <p>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.</p>
1 pcs	1.921.0310	NIRS MasterLab Module	 <p>Rapid, nondestructive analyses of tablets, capsules and other solid-state dosage forms</p> <p>The NIRS XDS MasterLab Analyzer enables the rapid, nondestructive analyses of solid-state dosage forms such as tablets, capsules, film-coated tablets, gel tablets and gel capsules for manufacturers in the pharmaceuticals industry. Solids in vials can also be analyzed with the NIRS XDS MasterLab Analyzer. The analysis takes place in reflection or transmission mode. The sample input proceeds via a sample slide that can be moved in x and y direction and that is designed for trays with several tablets and/or vials. Analyses of individual samples are optimized with an iris. An optionally available coarse granular sample cell for coarse granular substances extends analysis to include practically all solid forms ranging from fine powders to coarse granular materials, e.g., pellets and flakes.</p>
1 pcs	6.7400.000	NIRS XDS accessory kit	 <p>Accessory kit for NIRS XDS laboratory monochromators</p>
1 pcs	6.7404.000	Aperture plate	 <p>Aperture plate for reducing the spot size to 4.5 mm, in particular for analyzing tablets with the aid of the XDS MasterLab Analyzer.</p>

1 pcs 6.7410.000 NIRS XDS tray for reflection standard

A reflection standard is required for the calibration of the monochromator with the sample module.

A holder in which the standard is positioned is used to fasten the calibration standard in place.

A reflection standard and its associated holder are required for:

- NIRS XDS MultiVial Analyzer (**order number: 29211210**)
- NIRS XDS MasterLab Analyzer (**order number: 2.921.1310**)



1 pcs 6.7425.000 NIRS XDS iris

Iris for focusing mini sample vessels, reflection standard, various vials or a transflection vessel in the NIRS XDS RCA Analyzer, the NIRS XDS MasterLab Analyzer and the NIRS XDS MultiVial Analyzer



1 pcs 6.7440.580 Transmission standard for MasterLab

Transmission reference for the calibration of the XDS MasterLab for transmission measurements.



Optional accessories

Order no.	Description
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6.6072.207 **Vision Air 2.0 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



6.6072.208 **Vision Air 2.0 Complete**

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)



6.6072.209 Vision Air 2.0 Pharma Complete**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 11

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



6.6072.210 Vision Air 2.0 Pharma Network Complete**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



6.7400.010 NIRS Liquid Sample Kit Transflection

The NIRS Liquid Sample Kit Transflection supplements the following instruments with the function of the transflection measurement of liquids:

- NIRS DS2500 Analyzer (order number: 2.922.0010)
- NIRS XDS MasterLab Analyzer (order number: 2.921.1310)
- NIRS XDS MultiVial Analyzer (order number: 2.921.1120)
- NIRS XDS RapidContent Analyzer (order number: 2.921.1110)
- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)



6.7401.000 NIRS transfection vessel, optically flat

Optically flat transfection vessel for the spectral measurement of liquids. Can be used in combination with the following instruments:

- NIRS DS2500 Analyzer (**order number: 2.922.0010**)
- NIRS XDS MasterLab Analyzer (**order number: 2.921.1310**)
- NIRS XDS MultiVial Analyzer (**order number: 2.921.1120**)
- NIRS XDS RapidContent Analyzer (**order number: 2.921.1110**)
- NIRS XDS RapidContent Analyzer - Solids (**order number: 2.921.1210**)



6.7402.020 NIRS disposable backs for 6.7402.030, 100 pcs.

The disposable backs are used for the secure sealing of the mini sample cups. The sample cups are used in the following:

- NIRS DS2500 Analyzer (**order number: 2.922.0010**)
- NIRS XDS MasterLab Analyzer (**order number: 2.921.1310**)
- NIRS XDS RCA Analyzer (**order number: 2.921.1110**)
- NIRS XDS MultiVial Analyzer (**order number: 2.921.1210**)



The package is comprised of 100 disposable backs.

6.7402.030 NIRS mini sample cups, 10 pcs. including 100 disposable backs

Mini sample cup for the spectral recording of powders and granulates in reflection. The sample cup can be sealed with disposable backs in order to avoid sample loss and for the uniform distribution of the powder or granulate in the sample cup.

The sample cups are used with the following instruments:

- NIRS DS2500 Analyzer (order number: 2.922.0010)
- NIRS XDS MasterLab Analyzer (order number: 2.921.1310)
- NIRS XDS MultiVial Analyzer (order number: 2.921.1120)
- NIRS XDS RapidContent Analyzer (order number: 2.921.1110)
- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)



6.7402.040 NIRS XDS coarse granular sample cell

NIRS XDS coarse granular sample cell for the reflection measurement of samples with different surface properties.



6.7402.110 Einwegvials 15 mm Reflektion

123 verschliessbare Einwegvials aus Glas mit einem Durchmesser von 15 mm für Analysen von Feststoffen in Reflektion. Geeignet für folgende Analyser:

- NIRS DS2500 Analyzer
- NIRS XDS RapidContent (Solid) Analyzer
- NIRS XDS MultiVial Analyzer
- NIRS XDS Masterlab Analyzer



6.7402.120 Einwegvials 19 mm Reflektion

225 verschliesbare Einwegvials aus Glas mit einem Durchmesser von 19 mm für Analysen von Feststoffen in Reflektion. Geeignet für folgende Analyser:

- NIRS DS2500 Analyzer
- NIRS XDS RapidContent (Solid) Analyzer
- NIRS XDS MultiVial Analyzer
- NIRS XDS Masterlab Analyzer



6.7402.130 Disposable vials 22 mm Reflection

172 lockable disposable glass vials with a diameter of 22 mm for analyses of solids in reflection. Suitable for the following analyzers:

- NIRS DS2500 Analyzer
- NIRS XDS RapidContent (Solid) Analyzer
- NIRS XDS MultiVial Analyzer
- NIRS XDS MasterLab Analyzer



6.7402.140 Disposable vials 28 mm Reflection

216 lockable disposable glass vials with a diameter of 28 mm for analyses of solids in reflection. Suitable for the following analyzers:

- NIRS DS2500 Analyzer
- NIRS XDS RapidContent (Solid) Analyzer
- NIRS XDS MultiVial Analyzer
- NIRS XDS MasterLab Analyzer



6.7402.200 Stopper for 6.7402.110

123 stoppers for 15 mm Reflection disposable vials.



6.7402.210 Stopper for 6.7402.120

225 stoppers for 19 mm Reflection disposable vials.



6.7402.220 Stopper for 6.7402.130

172 stoppers for 22 mm Reflection disposable vials.



6.7402.230 Stopper for 6.7402.140

216 stoppers for 28 mm Reflection disposable vials.



6.7410.010 NIRS MultiVial tray for 4x5 15 mm vials

NIRS MultiVial tray for 4x5 15 mm vials



6.7410.020 NIRS MultiVial tray for 3x5 19 mm vials

NIRS MultiVial tray for 3x5 19 mm vials



6.7410.030 NIRS MultiVial tray for 3x5 22 mm vials

NIRS MultiVial tray for 3x5 22 mm vials



6.7410.040 NIRS MultiVial tray for 2x3 27 mm vials

NIRS MultiVial tray for 2x3 27 mm vials



6.7410.050 NIRS MultiVial tray for 2x3 29 mm vials

NIRS MultiVial tray for 2x3 29 mm vials



6.7410.110 NIRS FlexiTray

The NIRS FlexiTray permits maximum flexibility when analyzing tablets and capsules. A variety of forms are reproducibly positioned with the aid of the spring mechanism in order to ensure accurate and precise measurement results at all times.



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



6.7430.010 NIRS XDS lab spare parts kit

NIRS XDS lab spare parts kit



6.7430.020 NIRS XDS Monochromator fan filter, 10 pcs.

Ten NIRS XDS fan filters for the monochromator



6.7430.060 Micro Fiber Cleaning Cloth

Cleaning cloth for monitors and optics.



6.7450.000 NIRS reflection standard, set of 2

Set of wavelength standard and 80% reflection standard for the calibration of an NIRS XDS MasterLab Analyzer, NIRS XDS RCA Analyzer, NIRS XDS MultiVial Analyzer, NIRS XDS SmartProbe Analyzer, NIRS XDS Interactance OptiProbe Analyzer and NIRS DS2500 Analyzer.



6.7450.010 NIRS reflection standard, set of 7

Set comprised of six reflection standards and one wavelength standard for the calibration of an NIRS XDS MasterLab Analyzer, NIRS XDS RCA Analyzer, NIRS XDS MultiVial Analyzer, NIRS XDS SmartProbe Analyzer, NIRS XDS Interactance OptiProbe Analyzer and NIRS DS2500 Analyzer in regulated environments.



6.7450.020 NIRS tablet transmission standard

NIRS transmission standard for the spectral measurement of tablets in the NIRS XDS MasterLab Analyzer

