



# NIRS XDS RapidContent Analyzer – Solids

2.921.1120

NIRS XDS RapidContent Analyzer - Solids

NIRS(: 6.7400.010)

NIRS XDS Iris(: 6.7425.000)

NIRS XDS RapidContent AnalyzerX

**2.921.1120**

Qt.

Order no.

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.



#### Rapid, nondestructive analyses of solid and liquid substances

The NIRS XDS RapidContent Analyzer enables rapid, nondestructive analyses of solid and liquid formulations and substances. The sample is centered with the aid of an iris, thus enhancing the reproducibility of the analysis. A gold diffuse reflector enables the measurement of liquid samples. The Solids Module of the NIRS XDS RapidContent Analyzer extends the area of application to include practically every form of solid samples, whether it be fine powders, coarse granulates, pellets or flakes.



Accessory kit for NIRS XDS laboratory monochromators



1 PCS

**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.



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



**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 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 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

**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

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**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)



Optically flat transflection 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**)



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.

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:

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- NIRS XDS MultiVial Analyzer (order number: 2.921.1120)
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- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)



123 lockable disposable glass vials with a diameter of 15 mm for analyses of solids in reflection. Suitable for NIRS RapidContent (Solid) Analyzers of the XDS, DS2500 and OMNIS product families.



225 lockable disposable glass vials with a diameter of 19 mm for analyses of solids in reflection. Suitable for NIRS RapidContent (Solid) Analyzers of the XDS, DS2500 and OMNIS product families.



172 lockable disposable glass vials with a diameter of 22 mm for analyses of solids in reflection. Suitable for NIRS RapidContent (Solid) Analyzers of the XDS, DS2500 and OMNIS product families.



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.



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**6.7402.210**

**Stopper for 6.7402.120**

225 stoppers for 19 mm Reflection disposable vials.



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**6.7402.220**

**Stopper for 6.7402.130**

172 stoppers for 22 mm Reflection disposable vials.



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**6.7402.230**

**Stopper for 6.7402.140**

216 stoppers for 28 mm Reflection disposable vials.



Gold diffuse reflector for the transfection 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**)
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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 spare parts kit of the lab instrument is comprised of two spare lamps, two fan filters and four fuses.



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.

