



# NIRS XDS RapidContent Analyzer

2.921.1110

Rapid, nondestructive analyses of solid and liquid substances.

The NIRS XDS RapidContent Analyzer enables rapid, nondestructive analyses of solid powders, coarser granulates, pellets or flakes.

Composition or material identification testing is performed either in the laboratory or at-line, on samples contained in their original packaging, bags or vials. An optional variable spot-size feature enables the sample illumination to be adjusted based on the physical properties of your samples.

The measurement of liquid samples succeeds through the addition of the NIRS Transflection Kit for liquid samples (order number: 6.7400.010).

The sample is centered with the aid of the NIRS XDS iris (order number: 6.7425.000), thus enhancing the reproducibility of the analysis.

Versions with built-in mobile sample slides in X or XY direction are also available and are used to investigate larger, nonhomogenous sample quantities or for the automated investigation of samples in vials or tablets in reflection.

- NIRS XDS RapidContent Analyzer – Solids: Sample slide in X direction (order number: 2.921.1120)
- NIRS XDS MultiVial Analyzer: Sample slide in XY direction (order number: 2.921.1210)

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 2.921.1110

| Qt.   | Order no.  | Description            |
|-------|------------|------------------------|
| 1 PCS | 1.921.0010 | NIRS XDS Monochromator |

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.

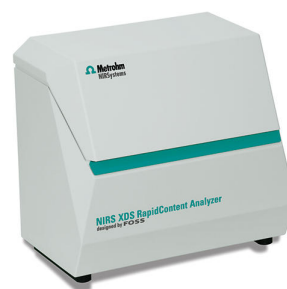



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|-------|------------|------------------------------|
| 1 PCS | 1.921.0110 | NIRS XDS RapidContent Module |
|-------|------------|------------------------------|

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.




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|-------|------------|------------------------|
| 1 PCS | 6.7400.000 | NIRS XDS accessory kit |
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Accessory kit for NIRS XDS laboratory monochromators



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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



## Optional accessories

| Order no. | Description |
|-----------|-------------|
|-----------|-------------|

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)



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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.

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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)



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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.



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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



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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.



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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.



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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)

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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

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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

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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

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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)



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6.7420.000      NIRS gold diffuse reflector, 1 mm total pathlength

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)
- NIRS XDS RapidContent Analyzer (order number: 2.921.1110)
- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)



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6.7420.010      NIRS gold diffuse reflector, 2 mm total pathlength

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)
- NIRS XDS RapidContent Analyzer (order number: 2.921.1110)
- NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)




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6.7420.020      NIRS gold diffuse reflector, 4 mm total pathlength

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)  
 NIRS XDS RapidContent Analyzer (order number: 2.921.1110)  
 NIRS XDS RapidContent Analyzer - Solids (order number: 2.921.1210)




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6.7430.060      Micro Fiber Cleaning Cloth

Cleaning cloth for monitors and optics.




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6.7402.110      Disposable vials, 15 mm, reflection

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.




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6.7402.120      Disposable vials, 19 mm, reflection

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.



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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 NIRS RapidContent (Solid) Analyzers of the XDS, DS2500 and OMNIS product families.



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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



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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.



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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.

