



# NIRS XDS Interactance OptiProbe Analyzer

2.921.1510

Robust measurement system for the monitoring of reactions in technical centers and in pilot plants.

The NIRS XDS Interactance OptiProbe Analyzer enables the simple and reliable monitoring of chemical reactions in technical centers and pilot plants. The method development and the scale-up of production processes are areas of application in which the NIRS XDS Interactance OptiProbe Analyzer supplies precise results regarding the identity and quality of a wide variety of samples. Whereas solids, strongly scattering liquids and slurries are measured with the reflection probe, the immersion probe is used to analyze aqueous products, clear liquids and solvents. The probe is connected to the analyzer through an optical fiber to enable secure measurements even under rough and/or dangerous conditions in the processing environment.

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 2.921.1510

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.



Robust measurement system for the monitoring of reactions in technical centers and in pilot plants

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Accessory kit for NIRS XDS laboratory monochromators



The interchangeable probe set consists of a reflection probe, a transfection probe and various spacers, including fixing screws for setting variable path lengths (2 cm, 4 cm, 5 cm, and 10 cm). A protective sleeve for the probes, an Allen wrench, and a sealing ring are also included with the set.



This set is part of the XDS SmartProbe Analyzer and the XDS Interactance Optiprobe Analyzer.

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## Optional accessories

Order no.	Description
2.921.1520	<p>NIRS XDS Transmission OptiProbe Analyzer</p> <p>Robust measuring system for monitoring the reactions of liquids in the technical center and pilot plants</p> <p>The NIRS XDS Transmission OptiProbe Analyzer enables efficient determination of the composition of aqueous products, clear liquids, solvents, and viscous samples. The instrument is equally suitable for use in technical centers or for at-line applications when upscaling production processes. NIRS disposable glass vials are available for viscous samples, keeping cleaning costs to a minimum. The optional NIRS VialHeater enables analysis of samples at temperatures of up to 200 °C.</p>
6.6072.207	<p>Vision Air 2.0 Network Complete</p> <p>Vision Air - Universal spectroscopy software.</p> <p>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.</p> <p>Overview of the advantages of Vision Air:</p> <ul style="list-style-type: none"><li>• Individual software applications with adapted user interfaces ensure intuitive and simple operation</li><li>• Centralized data and instrument management</li><li>• Simple configuration and updating of several devices in just a few steps</li></ul> <p>The Vision Air Network Complete version (66072207) contains all applications for quality assurance using Vis-NIR spectroscopy:</p> <ul style="list-style-type: none"><li>• Application for a global instrument and data management</li><li>• Application for method development</li><li>• Application for routine analysis</li></ul>



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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6.7430.000

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.



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6.7430.060 Micro Fiber Cleaning Cloth

Cleaning cloth for monitors and optics.



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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.





6.7450.030

Certified NIRS 99% reflection standard for laboratory sensors

Certified 99% reflection standard for calibration of an NIRS XDS  
SmartProbe Analyzer

