



NIRS DS2500 Polyol Analyzer

2.929.1000

Robust, near-infrared spectroscopy for quality control of polyols, not only in laboratories, but also in production environments.

The NIRS DS2500 Polyol Analyzer is the tried and tested, flexible solution for quality control and routine analysis of polyols and is compliant with the standards ASTM D6342-12 and ISO 15063: 2011. Its robust design makes the NIRS DS2500 Polyol Analyzer resistant to dust, moisture, and vibrations, which means that it is highly suitable for use in harsh production environments.

The NIRS DS2500 Polyol Analyzer covers the full spectral range from 400 to 2,500 nm, heats samples up to 80 °C, and delivers accurate results in less than one minute. The NIRS DS2500 Polyol Analyzer is ready for immediate use through pre-calibration for polyols and, thanks to its simple operation, supports users in their day-to-day routine tasks.

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 2.929.1000

Qt.	Order no.	Description
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Robust near-infrared spectroscopy for quality control, not only in laboratories but also in production environments.

The DS2500 Liquid Analyzer is the tried and tested, flexible solution for routine analysis of liquids along the entire production chain. Its robust design makes the DS2500 Liquid Analyzer resistant to dust, moisture and vibrations, which means that it is eminently suited for use in harsh production environments.

The DS2500 Liquid Analyzer covers the full spectral range from 400 to 2500 nm, heats samples up to 80°C and is compatible with various disposable vials and quartz cuvettes. The DS2500 Liquid Analyzer is thus adaptable to your individual sample requirements and helps you obtain accurate and reproducible results in less than one minute. The integrated sample holder detection and the self-explanatory Vision Air Software also ensure simple and safe operation by the user.

In the case of larger-sized sample quantities, productivity can be considerably increased by using a flow-through cell in combination with a Metrohm sample robot.



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)

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)



1 PCS

6.7492.020

DS2500 Holder 8 mm vials

Intelligent holder for disposable glass vials with 8 mm diameter



1 PCS

6.7494.500

DS2500 Liquid Analyzer Heat Protection

DS2500 Liquid Analyzer Heat Protection as optional protection for analysis at high temperatures.



Optional accessories

Order no.	Description	
6.6072.301	Pre-calibration for the analysis of polyols Pre-calibration for determination of the hydroxyl number in polyols by means of NIR spectroscopy.	
6.7430.050	Spare lamp for NIRS DS2500 Spare lamp with 12.0 V and 35 W for NIRS DS2500 Analyzer	
6.7494.000	DS2500 Liquid Wavelength Calibration Standard Intelligent transmission wavelength calibration standard for the DS2500 Liquid Analyzer	