



NIRS DS2500 Polymer Analyzer

2.922.1000

Robuste Nahinfrarotspektroskopie für die Qualitätskontrolle von Polymeren im Labor sowie im Produktionsumfeld.

Der NIRS DS2500 Polymer Analyzer ist die bewährte, flexible Lösung für die Qualitätskontrolle und Routineanalytik von PE, PP, PET und Polyamid und anderen Polymeren in fester Form entlang der gesamten Produktionskette. Unempfindlich gegenüber Staub, Feuchtigkeit, Vibrationen und Temperaturschwankungen findet der NIRS DS2500 Polymer Analyzer sowohl im Labor- als auch im rauen Produktionsumfeld seinen Einsatz.

Der NIRS DS2500 Polymer Analyzer deckt den gesamten Spektralbereich von 400 bis 2500 nm ab und liefert in weniger als einer Minute genaue Ergebnisse. Der NIRS DS2500 Polymer Analyzer ist durch Vorkalibrierungen für PE, PP, PET und Polyamid (PA6) sofort einsatzbereit und unterstützt durch eine einfache Bedienung die Anwender in ihren täglichen Routineaufgaben.

Lieferumfang 2.922.1000

Qt.	Order no.	Beschreibung
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Robust near-infrared spectroscopy for routine analysis in the production environment

The NIRS DS2500 Analyzer is the tried and tested, low-cost solution for the routine analysis of both solid and liquid samples along the entire production chain. Its robust design makes the NIRS DS2500 Analyzer resistant to dust, moisture, vibrations, and temperature fluctuations, which means that it is eminently suited for use in harsh production environments.

The NIRS DS2500 Analyzer covers the entire spectral range from 400 to 2,500 nm and delivers accurate, reproducible results in under a minute. The NIRS DS2500 Analyzer meets the demands of the pharmaceutical industry and supports the users in their day-to-day tasks thanks to its simple operation.



Voucher for one pre-calibration. Authorization for the ordering of one polymer pre-calibration (PP, PE, PP or polyamides)



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)

Large sample cup for the spectral recording of powders and granulates in reflection at various sample positions using the NIRS DS2500 Analyzer.



1 PCS

6.7425.100

DS2500 Iris

The iris for the DS2500 with a variably adjustable diameter of up to 36 mm enables you to perform flexible reflection measurement investigations of samples in vials.

The iris for the DS2500 is used in the holder for small sample vessels.
Order number: 6.7430.040



1 PCS

6.7430.040

DS2500 Holder

Holder for use with:

- Small sample vessels (6.7402.030)
- DS2500 Iris (6.7425.100)



1 PCS

6.7490.480

Lid for large sample cup (black)

Lid (black) for the large sample cup for the DS2500 Analyzer.



Optionales Zubehör

Order no.	Beschreibung	
6.6072.308	Pre-calibration for polyethylene (PE) Pre-calibration for determination of intrinsic viscosity and density in polyethylene using NIR spectroscopy.	
6.6072.309	Pre-calibration for polypropylene (PP) Pre-calibration for determination of the melt flow index in polypropylene using NIR spectroscopy.	
6.6072.310	Pre-calibration for PET Pre-calibration for determination of intrinsic viscosity, acid number, diethylene glycol content, and isophthalic acid content in poly(ethylene terephthalate) (PET) using NIR spectroscopy.	
6.6072.311	Pre-calibration for polyamide (PA 6) Pre-calibration for determination of relative viscosity, carboxyl end-group content, and amine end-group content in polyamides (PA 6) using NIR spectroscopy.	

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



6.7402.150

DS2500 lid for large sample cup

Lid for the large sample vessel for the DS2500 Analyzer.



6.7430.050

Spare lamp for NIRS DS2500

Spare lamp with 12.0 V and 35 W for NIRS DS2500 Analyzer



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.



6.7490.440 DS2500 MultiSample Cup 15 mm

DS2500 MultiSample Cup for nine 15 mm vials.



6.7490.450 DS2500 MultiSample Cup 19 mm

DS2500 MultiSample Cup for eight 19 mm vials.



6.7490.460 DS2500 MultiSample Cup 22 mm

DS2500 MultiSample Cup for seven 22 mm vials.



6.7490.470 DS2500 MultiSample Cup 28 mm

DS2500 MultiSample Cup for six 28 mm vials.

