



# DS2500 Liquid Analyzer

2.929.0010

DS2500 Liquid Analyzer DS2500 Liquid Analyzer

DS2500 Liquid Analyzer 400 2500 nm 80 DS2500 Liquid Analyzer Vision Air

Metrohm

## Scope of delivery 2.929.0010

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.

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



## Optional accessories

Order no.	Description
6.6072.207	<b>Vision Air 2.0 Network Complete</b>

### **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)

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**6.7401.200****Quartz cuvette, 1 mm**

Quartz glass cuvette with a window made of quartz glass of maximum purity and homogeneity. The cuvettes have a transmission of more than 80% in the wavelength range of 200–2500 nm.

Compatible with:

- NIRS Spacer for set of 12.5 mm cuvettes (**6.7403.180**)
- DS2500 holder for 1 mm cuvette (**6.7492.100**)
- Holder OMNIS NIR, cuvette, 1 mm (**6.07401.010**)



**6.7401.210****Quartz cuvette, 2 mm**

Quartz glass cuvette with a window made of quartz glass of maximum purity and homogeneity. The cuvettes have a transmission of more than 80% in the wavelength range of 200–2,500 nm.

Compatible with:

- NIRS Spacer for set of 12.5 mm cuvettes (**6.7403.180**)
- DS2500 holder for 2 mm cuvette (**6.7492.110**)
- Holder OMNIS NIR, cuvette, 1 mm (**6.07401.010**)

**6.7401.220****Quartz cuvette, 5 mm**

Quartz glass cuvette with a window made of quartz glass of maximum purity and homogeneity. The cuvettes have a transmission of more than 80% in the wavelength range of 200–2500 nm.

Compatible with:

- NIRS Spacer for set of 12.5 mm cuvettes (**6.7403.180**)
- DS2500 holder for 5 mm cuvette (**6.7492.120**)
- Holder OMNIS NIR, cuvette, 5 mm (**6.07401.030**)

**6.7401.230****Quarzküvette, 10 mm**

Quarzglasküvette mit einem Fenster aus Quarzglas in höchster Reinheit und Homogenität. Die Küvetten haben eine Transmission von über 80% im Wellenlängenbereich von 200 nm - 2500 nm.

Kompatibel mit:

- NIRS Spacer für 12.5 mm Küvettenset (**6.7403.180**)
- DS2500 Halter für 10 mm Küvette (**6.7492.130**)
- Halter OMNIS NIR, Küvette, 10 mm (**6.07401.040**)



**6.7401.300****Flow-through cell, 0.5 mm**

Flow quartz cuvettes with quartz glass window and an optical path length of 0.5 mm suitable for near-infrared spectroscopy (NIRS) analyses.

Compatible with:

- Holder OMNIS NIR, flow-through cell (**6.070401.100**)
- DS2500 holder for flow cells (**6.7493.000**)



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**6.7401.310****Flow-through cell, 1 mm**

Flow quartz cuvettes with an optical path length of 1.0 mm suitable for near-infrared spectroscopy (NIRS) analyses.

Compatible with:

- Holder OMNIS NIR, flow-through cell (**6.070401.100**)
- DS2500 holder for flow cells (**6.7493.000**)



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**6.7402.070****Disposable vials, 2 mm diameter, transmission**

200 lockable disposable glass vials (borosilicate) with a diameter of 2 mm for analyses of liquids in transmission mode.

Compatible with:

- Holder OMNIS NIR, vial, 2 mm (**6.07401.050**)
- DS2500 holder for flow cells (**6.7492.000**)



**6.7402.100**

**Disposable vials, 10 mm diameter, transmission**

195 lockable disposable glass vials (borosilicate) with a diameter of 10 mm for analyses of liquids in transmission.

Compatible with:

- Holder OMNIS NIR, vial, 10 mm (**6.07401.080**)
- DS2500 holder for 4 mm disposable vials (**6.7492.030**)



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**6.7402.240**

**Disposable vial, 8 mm, transmission, qty. 100**

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**)



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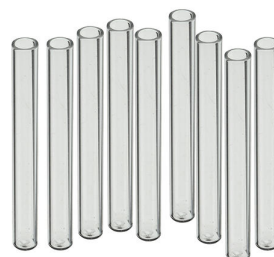
**6.7402.250**

**Disposable vial, 4 mm, transmission, qty. 200**

200 disposable glass vials (borosilicate) with an optical path length of 4 mm for analyses of liquids in transmission.

Compatible with:

- Holder OMNIS NIR, vial, 4 mm (**6.07401.060**)
- DS2500 holder for 4 mm disposable vials (**6.7492.010**)



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**6.7402.260**

**Stopper for disposable vial, 4 mm, qty. 100**

100 stoppers for 4 mm transmission disposable vials (6.7402.250).



6.7430.050

**Spare lamp for NIRS DS2500**

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



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6.7430.060

**Micro Fiber Cleaning Cloth**

Cleaning cloth for monitors and optics.



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6.7492.000

**DS2500 Holder 2 mm vials**

Intelligent holder for disposable glass vials with 2 mm diameter



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6.7492.010

**DS2500 Holder 4 mm vials**

Intelligent holder for disposable glass vials with 4 mm diameter





**6.7492.020**

**DS2500 Holder 8 mm vials**

Intelligent holder for disposable glass vials with 8 mm diameter



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**6.7492.030**

**DS2500 Holder 10 mm vials**

Intelligent holder for disposable glass vials with 10 mm diameter



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**6.7492.100**

**DS2500 Holder 1 mm cuvettes**

Intelligent holder for 12.5 mm cuvettes with a path length of 1 mm



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**6.7492.110**

**DS2500 Holder 2 mm cuvettes**

Intelligent holder for 12.5 mm cuvettes with a path length of 2 mm



**6.7492.120**

**DS2500 Holder 5 mm cuvettes**

Intelligent holder for 12.5 mm cuvettes with a path length of 5 mm



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**6.7492.130**

**DS2500 Holder 10 mm cuvettes**

Intelligent holder for 12.5 mm cuvettes with a path length of 10 mm



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**6.7493.000**

**DS2500 Holder Flow Cell**

Intelligent holder for 12.5 mm flow cells



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**6.7494.000**

**DS2500 Liquid Wavelength Calibration Standard**

Intelligent transmission wavelength calibration standard for the DS2500 Liquid Analyzer

