



NIRS DS2500 Polyol Analyzer

The easy way to measure key quality parameters in polyols

HIGHLIGHTS

- Robust and compact instrument
- Pre-calibrated for hydroxyl number
- Compliant with ASTM D6342-12 and ISO 15063 : 2011

Measure key quality parameters of polyols in less than a minute

Hydroxyl number, acid number or moisture – with the NIRS DS2500 Polyol Analyzer you can measure key quality parameters of polyols in less than a minute with no sample preparation required at all. The NIRS DS2500 Polyol Analyzer package contains all you need to get started.

Start immediately thanks to pre-calibration

NIRS (Near-Infrared Spectroscopy) is a secondary method and requires matrix-specific calibration models. The NIRS DS2500 Polyol Analyzer is pre-calibrated for hydroxyl number based on real polyol product spectra. Unpack, install, start measuring – that's it – no prior model development needed.

Robust Design

Due to its robust and compact design, the NIRS DS2500 Polyol Analyzer can be used in the laboratory or on the production floor alike. This will simplify your sample logistics and you can measure where you want.

No chemicals needed

In contrast to the other common standard for polyols ASTM D4274-16, the NIRS DS2500 Polyol Analyzer measures according to ASTM D6342-12 and does not require any chemicals. This reduces running costs, avoids potential hazards for your staff and is environmental-friendly.





Easy to use

Our intuitive Vision Air software makes the NIRS DS2500 Polyol Analyzer easy to use. Shift personal will find the routine user mode so simple that hardly any time for familiarization is needed: Two clicks from selecting the method, starting the measurement to getting a clear pass/fail result is all it takes.

Straightforward administration of users and SOPs

Authorized managers can be given exclusive access to the manager mode in Vision Air. This mode is used to manage instrument settings, create or change SOPs and review data.

Pre-calibration and parameters included with the NIRS DS2500 Polymer Analyzer

Pre-calibration	Part Nr.	Parameters	Range
Polyols	6.6072.301	Hydroxyl number	16 – 1180 mg KOH/g

ORDERING INFORMATION

2.929.1000	NIRS DS2500 Polyol Analyzer
	Comprised of:
2.929.0010	DS2500 Liquid Analyzer
6.7492.020	DS2500 Holder 8mm disposable vials
6.7402.000	Disposable Vials, 8 mm diameter, 250 pcs
6.6072.208	Vision Air Complete
6.6072.301	Pre-calibration for the analysis of polyols
	Recommended standard
6.7494.000	DS2500 Liquid Wavelength Standard
	Optional accessories
6.7402.000	Disposable Vials, 8 mm diameter, 250 pcs