



# OMNIS NIRS

Vibrational spectroscopy  
faster, easier, and more  
efficient

PEOPLE  
YOU  
CAN  
TRUST

 **Metrohm**

# GOOD VIBES

WITH OMNIS NIRS

Good vibes in your lab  
with OMNIS NIRS

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Time to breathe



1

**FASTER**



**LIGHT-BASED MEASUREMENTS – AT NEAR-LIGHT SPEED**

More samples, more parameters, more analyses? Keep a cool head! With the OMNIS NIR Analyzer, you can determine numerous quality parameters in just a few seconds. Samples are measured in less than 10 seconds.

**REIMAGINING TEMPERATURE CONTROL**

Heat or cool your samples quickly and reliably between 25°C and 80°C. Numerous temperature sensors are available to you, allowing the temperature to be determined and controlled directly at the sample, thanks to sophisticated algorithms.

**MEASURING SOLID AND LIQUID SAMPLES**

Measure both solid and liquid samples seamlessly, without waiting times or any need for system adjustments. Simply define your sample list and operating procedures, and you can smoothly process all your samples without interruption.



300 spectra in  
< 1 second with  
OMNIS NIRS

So easy



2

**LET SMART ALGORITHMS DO THE WORK FOR YOU**

Make your job easier and leave the development of the NIRS prediction model to the integrated OMNIS Model Developer (OMD). Select your samples, and with just one click, your model will be parameterized and calculated.

**FOR THE LABORATORY AND THE PROCESS ENVIRONMENT**

The OMNIS NIR Analyzer and the NIR process solution developed by Metrohm (2060 *The NIR*) are based on the same hardware technology and software. This makes data transfer between devices particularly smooth and helps streamline the implementation of NIRS technology in your laboratory.

**SMART SAMPLE VESSEL RECOGNITION**

The OMNIS NIR Analyzer recognizes the sample vessel and automatically starts measuring. Simply insert the sample, and only seconds later the results for all your measurement parameters will be displayed.

EASIER



NIRS means no sample prep, no chemicals or solvents, no waste

Almost unlimited possibilities

3

# MORE EFFICIENT



#### **SUPERIOR INTEGRATION**

OMNIS is an integrated analytical platform. The advantages of combining multiple analysis technologies are obvious: convenient data and system management, simplified integration of data into a LIMS, and lower costs for training and maintenance.

#### **UTILIZE THE SYNERGIES OF TITRATION AND NIRS**

Take a step further and combine your OMNIS NIR Analyzer with the titrators from Metrohm. Synergies will make your routine analytics more efficient. Use the OMNIS NIR Analyzer to screen your samples and automatically validate the results by titration.

#### **MAXIMIZE SAMPLE THROUGHPUT**

Metrohm and OMNIS – that's decades of experience in automation and liquid handling. Combine your OMNIS NIR Analyzer with an OMNIS Sample Robot to analyze liquid and/or solid samples completely unattended.



Fully automated  
measurement  
of > 500 samples

# Good vibes in your lab – for the long run

OMNIS NIRS brings good vibes made in Switzerland into your laboratory. The near-infrared vibrational spectrometer from Metrohm is completely developed and made in Switzerland using robust components that guarantee many years of reliable instrument operation. The OMNIS NIR Analyzer is IP54-rated, making it ideal for use not only in the laboratory but also on the production floor next to the production line. It goes without saying that the unique Metrohm guarantees also apply to OMNIS NIRS:

- 3-year instrument warranty
- 5-year software support guaranteed
- 10-year guaranteed availability of spare parts after discontinuation of the instrument



## LOCAL SERVICE AND SUPPORT – WORLDWIDE

We are present in more than 170 countries worldwide. Our certified service engineers and application specialists speak your language and provide professional service and support whenever you need them.

**GOOD VIBES  
MADE IN  
SWITZER  
LAND**



