



OMNIS Software

Taking performance to the next level

PEOPLE
YOU
CAN
TRUST



OMNIS – a system that offers more

OMNIS is the latest analytical system from Metrohm. OMNIS is a modular platform that puts the user first – consistently and at all levels. OMNIS is the only software platform for all your titration and NIR spectroscopy applications. Find out on the following pages what this means and why OMNIS simply offers more.

OMNIS is for everyone

OMNIS is available as a standalone installation or as a network-capable installation (client/server). Both versions offer the same scope of features that are essential for efficient and convenient day-to-day laboratory analytics.

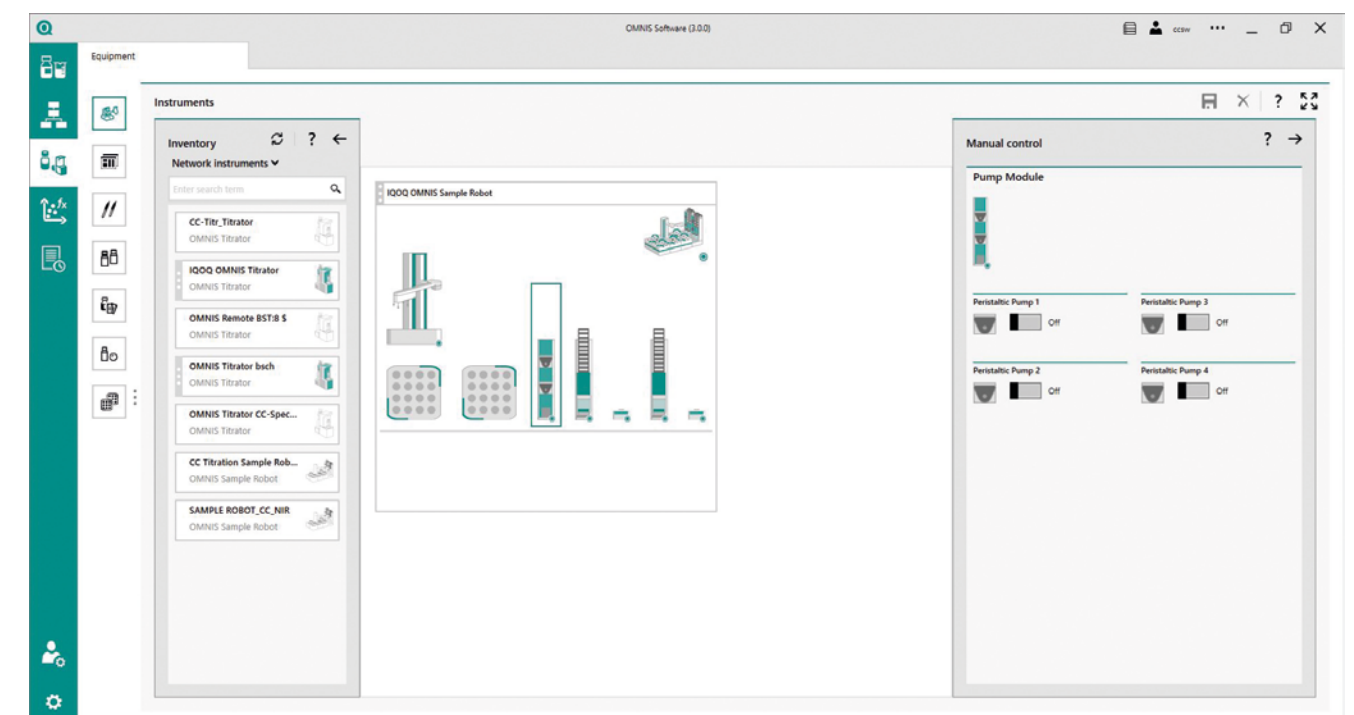
OMNIS Client/Server is the networkable version of OMNIS. OMNIS Client/Server helps large, integrated organizations boost the efficiency of

their laboratory analytics enabling straightforward collaboration and managing data, instruments, SOPs, and users centrally. Up to 1000 clients can be integrated into an OMNIS client/server network.

Making your laboratory analytics simple and efficient

As a user of laboratory software, you want your routine analytics to be fast, simple, and reliable. OMNIS meets these requirements. OMNIS always keeps the focus on your sample and what you need to know about it. Hence, all parameters measured in a sample are linked to that specific sample so you can see the results at a glance. Using OMNIS is intuitive: Wherever possible,

we have implemented drag-and-drop functionality so that, for example, you can easily create an operation procedure module by module: Simply select the commands you need, drag and drop them where you want them, and customize your analysis step by step.



OMNIS is intuitive: All system components are graphically represented on the UI; simply select the components required for your analysis and customize your system by drag-and-drop.

Modular, scalable, and flexible

OMNIS grows with your requirements

The basic principle of OMNIS is the modular scalability of the system. This means that you can expand the capacity of your analytics at any time by simply adding more functional components as needed. OMNIS is future-proof: You can upgrade OMNIS at any time,

so that your OMNIS system exactly matches your needs. Hence, you can not only add new software capabilities as required but also integrate additional OMNIS devices, all current Titrando analyzers, and also third-party devices, e.g., laboratory balances.

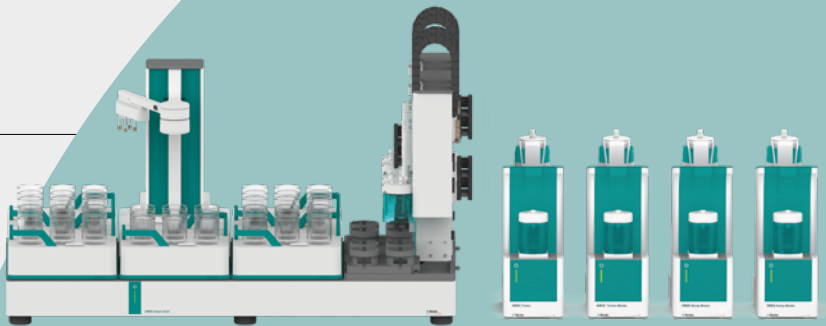
Connecting OMNIS to 3rd party software

OMNIS 3rd Party Data Integration is a secure interface enabling data exchange between OMNIS Software and any kind of 3rd party software such as LIMS, ERP, and ELN systems. A typical example: You create an analytical task in your LIMS from

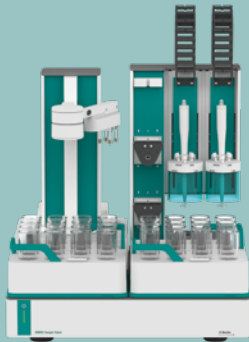
where this task is automatically sent to OMNIS where the determination is run. OMNIS sends the resulting data automatically to your LIMS, where it is stored centrally.

→ DETAILED INFORMATION IS AVAILABLE FROM OUR BROCHURE «OMNIS 3RD PARTY DATA INTEGRATION»

OMNIS Sample Robot M with OMNIS Titrator and OMNIS dosing modules



OMNIS Sample Robot S



888 Titrando and 801 Stirrer



815 Robotic USB Sample Processor XL with 856 Conductivity Module and 905 Titrando



Sartorius Cubis II Scale



Data exchange with OMNIS client



3rd party software (e.g. LIMS)



2060 NIR Analyzer



OMNIS NIR Analyzer

Choose your license as required

A basic license of OMNIS already includes comprehensive functionalities including user administration. You can upgrade your license at any time with additional functionalities such as compliance or 3rd party data integration. With an OMNIS Client/Server installation there is no need to buy a license for each individual client: A central license makes it possible to connect up to 1000 clients with full access to the complete functionalities under that license.

The modular principle of OMNIS also applies to the OMNIS instruments. A basic license gives you access to an extensive scope of capabilities. If further capabilities are needed, you can upgrade your license at any time to make these capabilities available on your device.

→ DETAILED INFORMATION IS AVAILABLE FROM OUR BROCHURE
«OMNIS CLIENT/SERVER – TECHNICAL SPECIFICATIONS»



Plenty of scope for customization

OMNIS already offers comprehensive user management with the basic license. This can be optionally connected to your existing Active Directory or you can set up your user management directly in OMNIS. User roles and user groups can be defined as needed and individual rights can be assigned to the respective roles and adapted at any time. System administrators can give permission so that users can see only the data and methods they need, and which they are allowed to see.

OMNIS offers individual users at their workstations numerous possibilities to adapt the software to their individual preferences and requirements. This applies not only to the language you can set individually at each workstation: Each segment in OMNIS can be freely configured to suit the respective groups and roles.

Laboratory Technician in the UK

I use OMNIS in English. I have activated the emergency stop function for my automation system.



Quality Manager in China

I use OMNIS in Chinese. I only need the data for a batch release.



Laboratory Technician in France

And I use OMNIS in French. OMNIS only shows me what I need to know about my samples.



Robust and well prepared for the regulated environment

Also available as a long-term support version

With an LTS (Long-Term Support) version, OMNIS Software is available as a system that guarantees error-free performance for a period of 5 years. An OMNIS LTS version guarantees availability of comprehensive service and support, including IQ/OQ.

An OMNIS LTS version minimizes the need for re-qualification and re-validation of the system because an OMNIS LTS version only needs to be updated in the rare event of a critical software error.

→ DETAILED INFORMATION IS AVAILABLE FROM OUR BROCHURE «OMNIS SOFTWARE LONG-TERM SUPPORT (LTS)»

Complete audit trail ensures traceability

OMNIS complies with FDA, WHO, PIC/S, and GAMP industry guidelines on data integrity. This means that OMNIS captures and documents seamlessly which user performed which action on which data set and at what time. All entries for a specific sample can be called up in the audit trail with just one click.

User management, two-step signatures, comments on changes and checks for completeness and integrity of data are further OMNIS functions that fully meet the requirements of FDA 21 CFR Part 11 and Eudralex, Volume 4, Annex 11.

→ DETAILED INFORMATION IS AVAILABLE FROM OUR BROCHURE «OMNIS COMPLIANCE PACKAGE»

Clear separation of productive from other data

In OMNIS you can work in three separate operating modes (productive mode, qualification mode, and service mode). Data generated during maintenance in the service mode or during instrument qualification

in the qualification mode, for example, is stored in separate databases from where these data are accessible at any time. This ensures your productive data and any other data are not mixed up.



→ DETAILED INFORMATION ABOUT THE FUNCTIONALITIES OF THE NETWORK-CAPABLE VERSION OF OMNIS IS AVAILABLE FROM OUR BROCHURE «OMNIS CLIENT/SERVER»

Secure and convenient

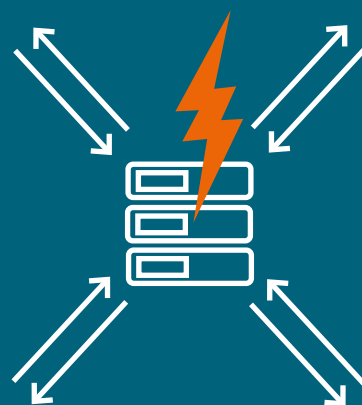
Reduce errors, maximize security

OMNIS software provides a variety of functions to reduce errors, such as:

- Suggestions and notes: OMNIS supports you in solving problems with specific and context related suggestions.
- Immediately in the know: Colors indicate the status of your OMNIS system, whether the calibration is still valid, or whether a result is out-of-spec.
- Notifications: OMNIS can be used to automatically send notifications by email.
- Validation: The integrity check can be used to check audit trail entries for completeness and integrity at any time and as often as required.

Continue working even if the server connection is interrupted

Even if the client connection to the server, or the server connection to the database is interrupted, this client can continue working without any restrictions for up to 96 hours and use the full functionality of OMNIS. All activities and data are stored in a local database for this period and transmitted to the server when the connection is re-established. This means that data is never lost. Also, there is no disruption during a program update; simply continue with your routine analytics.



Meeting the highest data security standards

OMNIS meets the highest standards in terms of data security, traceability and cyber security. All data exchange and communication is encrypted, guaranteeing maximum levels of data security.



10 good reasons for OMNIS Software

1. **One software platform for all your titration and NIR spectroscopy applications**
2. **Integration of all current Titrando devices and 3rd party ethernet laboratory balances**
3. **Compliant with highest data security and cyber security standards**
4. **Continue working securely for up to 96 hours without any loss of data if the connection to the server is lost**
5. **Well-prepared for the requirements of the regulated environment**
6. **Significantly save time and become more efficient in your routine analysis**
7. **Connect up to 1000 clients and control an unlimited number of OMNIS devices**
8. **Stable system performance guaranteed for 5 years (from the release of the respective OMNIS LTS version)**
9. **Easily connect existing systems (LIMS, Active Directory, etc.)**
10. **Different operating modes for analysis, instrument qualification, and service tasks**

Fully compatible with Titrandos

A system that protects your investment

With OMNIS, Metrohm has inaugurated a generational change. For more than 10 years, Titrandos with *tiamo* user software had been the benchmark in titration.

The Titrandos era will not end abruptly with OMNIS – this would reflect neither our philosophy nor the important role that Titrandos continue to play in many laboratories around the world.

Therefore, you can integrate all current Titrandos instruments installed in your laboratory into OMNIS. And even if you choose a new device from the Titrandos family now, you can still rest assured that your investment is protected.

