



# Product Highlights 2026

PEOPLE  
YOU  
CAN  
TRUST

 **Metrohm**



## Welcome to the cloud!

Discover the new IONIC Titrator, the first titrator that allows you to save your determinations directly in the cloud. Secure access to your data at any time.

## Dear customer

This booklet gives you an overview of our product highlights in 2026. Let us inspire you on the following pages with solutions engineered for you and your analytical requirements.

As always, your local Metrohm sales representative is happy to share more detailed information with you.

# IONIC Titrator

The IONIC Titrator combines maximum performance with unique ease of use – without a computer.

- The first titrator with LAN, WiFi, and mobile communication module: Save your determinations directly in the cloud with the Metrohm Data Service
- Large 10-inch touch display: Swipe, zoom, scroll – just like you do on your tablet
- Modular: Use up to four burets and three measuring inputs and perform two determinations in parallel
- New Dosino Module with a resolution of 250,000 steps
- Parallel titrations

**NEW!**

## IONIC Titration Autosampler

Automate your routine analysis and gain time for other tasks.

- Up to 24 titrations fully automatic, including solvent addition, rinsing steps, and sample disposal
- More safety: Optional DIS-Cover function protects against solvent vapors
- More flexibility: Up to two pumps, magnetic or rod stirrers, and a wide selection of titration vessels

**NEW!**



## OMNIS Titrator

New titration modes make your OMNIS Titrator even more powerful and enable new applications.

- STAT-titration, e.g., for leaching experiments or drug-release tests
- MET  $U_{\text{pot}}$  e.g., for sulfite determination in wine
- Customized buffer tables – ideally adapted to the requirements of your pH measurements



## Dosino Module

The new Dosino Module is the ideal solution for simple dosing, titrations, complex sample preparation, and liquid handling tasks.

- Space-saving piston buret with a maximum dosing resolution of 250,000 steps
- Compatible with OMNIS and the IONIC Titrator
- Complete traceability of the reagents
- Enables quick and convenient reagent exchange in combination with the intelligent 807 Dosing Unit

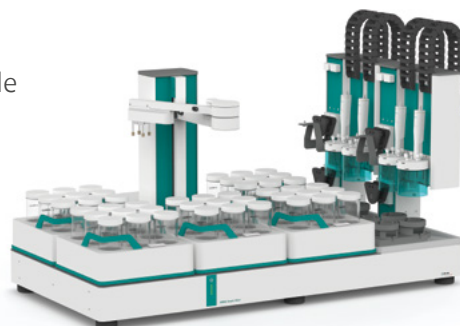


**NEW!**

## OMNIS Sample Robot WSM

The proven OMNIS Sample Robot with new features and optimizations.

- Modular scalability for up to four determinations in parallel
- Optimized protection against spilled reagents
- Optional DIS-Cover function for protection against solvent vapors
- New rinsing station reduces sample contamination after pipetting



**NEW!**

## Optrode M2

The new generation of the proven Optrode for photometric titrations.

- Newly designed light path for better long-term signal stability
- Eight different wavelengths from 470 to 660 nm
- Easy to clean and 100% solvent-resistant
- Can be used with all Metrohm titrators



**NEW!**

## OMNIS Coulometer

Determination of water content in the trace range (10 µg to 10 mg absolute) in liquids, solids, and gases.

- Bromine index according to ASTM D1492
- Automatic titration start after sample injection
- Automatic reagent exchange with an OMNIS Solvent Module, OMNIS Dosing Module, or with the new Dosino Module



## OMNIS Sample Robot Oven

Coulometric water determination by gas extraction (oven technique) in up to 100 samples – fully automatic!

- Measurements possible in various standard vials (2R, 6 mL, 8 mL)
- Parallel applications at two different heating temperatures
- Maximum heating temperature 300 °C
- Automatic reagent exchange or methanol addition optionally possible
- Temperature gradients possible



## OMNIS Coulometer Module

- Expand your OMNIS Coulometer with an OMNIS Coulometer Module for water content determinations in multiple samples in parallel or with different reagents
- Expand your volumetric OMNIS Titrator for coulometric water determination



# Laboratory Robotics with Metrohm

## An example



With a fully automated robotic system for the analysis of petroleum products, we present an example of state-of-the-art, collaborative robotic systems using proven Metrohm analytical technology.

- Completely traceable workflow thanks to integrated sample identification
- Comprehensive automatic sample preparation including removal of lids, pipetting, and weighing
- High-end analysis performance based on the OMNIS titration system
- Control of the complete system via OMNIS software
- High level of safety thanks to self-contained system in a safety cabinet
- High sample throughput as a result of sample preparation and analysis in parallel on a fully integrated platform

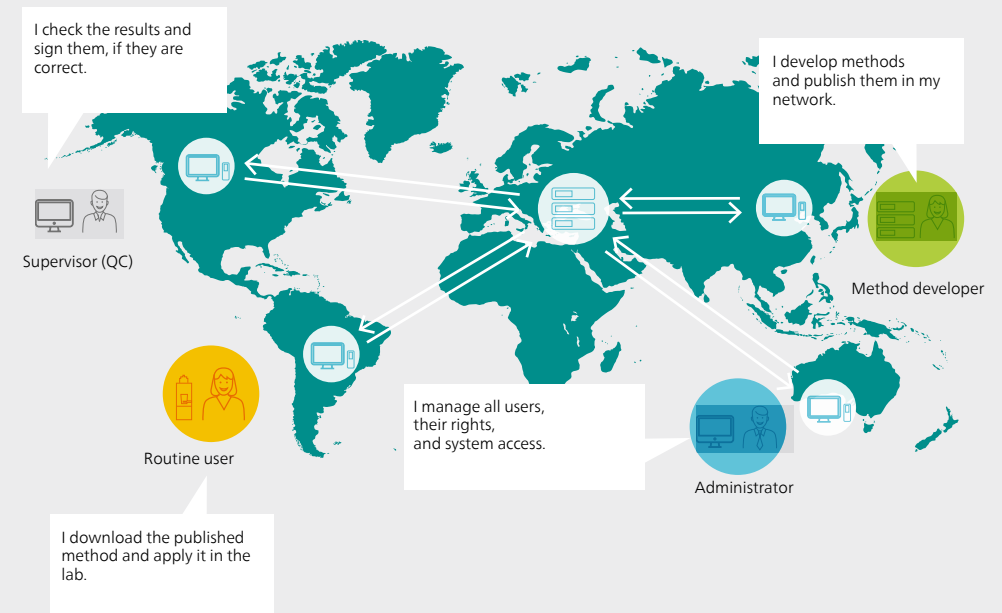
# Software

## OMNIS Client/Server

With the latest version of OMNIS Client/Server, up to 1000 clients can be connected and centrally managed in a network. If the connection to the server is lost, you can now work offline for up to 96 hours without losing data.



- OMNIS server installations have been possible on the Microsoft Cloud (Azure). You can now also host your OMNIS server on the Amazon Cloud (AWS).
- Client recovery: Thanks to central storage on the server, no data is lost if a client's hardware fails.
- Get customized templates for reporting tailored to your specific requirements.



# Metrohm Enterprise Services

## Project Services

We support you in implementing OMNIS Client/Server networks – from small to large.

- Global project management
- Architecture & operational concepts, validation documentation
- OMNIS Server infrastructure installation
- Admin & power user training
- Operational handover & Go-Live support



**NEW!**

## Maintenance Services

Ensure maximum availability of your OMNIS Client/Server system. Metrohm Enterprise Service gives you direct access to a pool of IT and OMNIS experts for maintenance and troubleshooting.

- Access to fast lane ticket system
- Service management incl. dedicated contact person
- Joint planning of updates and fixes
- GMP / GxP compliant operation (if needed)
- Certified according to ISO 27001



# Ion chromatography

## 948 Continuous IC Module, CEP: Automatic production of hydroxide eluents

Electrolytically produced hydroxide eluents guarantee purity and consistent quality. No mixing and dilution required – no risk of errors.

- Ultra-low baseline and superior signal-to-noise ratio
- Enables both isocratic and gradient elution methods
- Sustainable and cost-efficient: reusable eluent producer cartridge (EPC)
- Possibility to create your own concentrates (LiOH, NaOH, KOH)



**NEW!**

## Metrosep A Supp 21 – precise measurements with hydroxide eluents

The new Metrosep A Supp 21 is a high-capacity anion-exchange column and combines outstanding separation properties with maximum resolution.

- Broad application spectrum, e.g., analysis of inorganic anions and oxyhalides in a single analysis (e.g., US EPA 300.1 Parts A and B or ISO 10304-1 and 4)
- Outstanding separation properties with sharp, symmetric peaks
- High capacity minimizes matrix effects
- Optimized for hydroxide eluents in combination with the 948 Continuous IC Module, CEP



**NEW!**

# PFAS Screening in environmental analysis

PFAS are subject to increasing regulatory pressure. Combustion ion chromatography (CIC) is an efficient PFAS screening method and a cost-effective alternative to LC-MS/MS solutions.

- Automated AOF determination by adsorption, pyrohydrolytic combustion, and subsequent IC detection
- Compliant with US EPA Method 1621, DIN 38409-59, and ISO/DIS 18127



NEW!

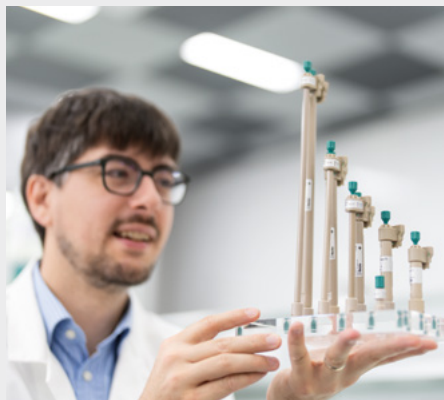
«Requests for fluorine analysis are very diverse and come from a wide range of industries. With the CIC system from Metrohm, we have determined, e.g., fluorine in firefighting foams and in soil substrates.»

Gianna Hieber, Chemical-Technical Assistant at Quality Analysis, Nuertingen

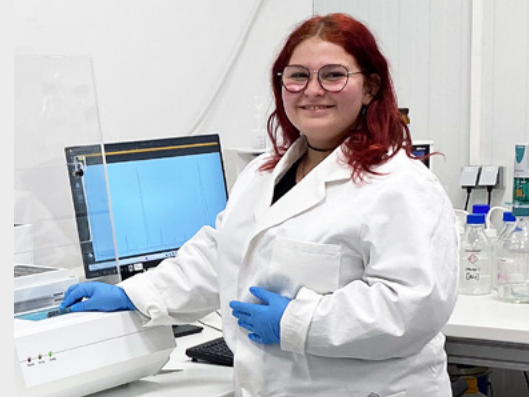
## Metrosep A Supp 20 – proven performance with carbonate eluents

The Metrosep A Supp 20 column was developed using similar technology to the Metrosep A Supp 19. It combines excellent separation properties with robust quality for high-performance anion analysis.

- Simultaneous determination of standard anions, oxyhalides, and DCAA in a single run (e.g., US EPA 300.1 Parts A and B and ISO 10304-1 and 4)
- Proven column technology with enhanced chemical, mechanical, and pH stability
- Outstanding separation performance and sharp, symmetrical peaks even with complex matrices



NEW!



Quality Analysis is a contract laboratory from Nuertingen in Germany specialized in industrial analytics. For fluorine analysis, Quality Analysis relies on a combustion ion chromatography (CIC) system from Metrohm.

# GOOD VIBES WITH OMNIS NIRS

## Vibrational spectroscopy faster, easier, and more efficient

With OMNIS NIRS, our universal platform for chemical analysis is growing.

In addition to all forms of titration, near-infrared spectroscopy with all its advantages (fast, easy-to-use, non-destructive, no need for reagents) is now also available in OMNIS.



## Easier – OMNIS NIRS is there for everyone

- Smart algorithms create prediction models automatically
- Easy data transfer between laboratory and process devices thanks to the same hard- and software
- No risk of errors: The OMNIS NIR Analyzer recognizes the sample vessel and starts measuring automatically



## Faster – multi-parameter analysis for results in seconds

- Measure liquid and solid samples in less than 10 seconds
- Liquid samples are adjusted quickly, reliably, and precisely to any desired temperature between 25 and 80°C thanks to state-of-the-art sensor technology
- One device for liquid, viscous, and solid samples



## More efficient – use the synergies of a modular platform

- Volumetric titration, coulometry, photometry, and near-infrared spectroscopy: Configure a modular system with OMNIS to precisely meet your individual requirements
- System control, results management, and data handling are carried out the same software: OMNIS
- Automate your analysis with an OMNIS Sample Robot and leave the analysis of more than 200 liquid or solid samples to the OMNIS platform



# Handheld Raman-Spectroscopy

## TacticID®-1064 ST Handheld Raman Spectrometer

The TacticID-1064 ST features «See-Through» technology, enabling Raman analysis through transparent and opaque packaging such as plastic bags, vials, or even polypropylene bottles. Identify unknowns quickly and safely – no direct contact, no contamination, no compromise.

- Maintain safety and sample integrity
- Reduces contamination risk
- Perfect for law enforcement, hazmat, and QC inspections



## Metrohm Comprehensive Raman Library

With over 29,000 compounds, the Metrohm Common Raman Library (MCRL) is one of the world's largest Raman reference libraries. The library also contains meta-information such as physical properties, characteristic features, and safety instructions.

- Regular updates provide access to the latest and most relevant materials
- Includes spectra of chemicals, dyes and pigments, pharmaceuticals, narcotics, explosives, and more
- Compatible with all Metrohm Raman devices



# Laboratory Raman

## i-Raman NxG – Unlock the next generation of quality control

The i-Raman NxG is designed for today's QC lab, leveraging the fast, clean and easy benefits of Raman spectroscopy for more efficient quality control. The i-Raman NxG fits into any QC lab workflow and can be integrated alongside traditional quality control techniques to speed up routine analysis.

- High-sensitivity spectrometers deliver results in seconds
- Flexible fiber optic probe with sampling accessories for consistent QC sampling
- Powered by SpecSuite software for method development and simple routine analysis



NEW!

## SpecSuite – Next-generation spectroscopy software

SpecSuite is the all-in-one software platform for i-Raman laboratory instruments. Designed for both exploratory research and high-throughput routine analysis, it delivers intuitive navigation and robust capabilities that streamline data collection across applications and experience levels.

- Identification analysis with Metrohm Comprehensive Raman Libraries
- Quantitative model building and routine analysis module
- Regulatory compliance



NEW!

# Voltammetry

## viva 4.0 – New features, new look

The viva software has been updated and offers long-awaited new features and a modernized user interface.

- The response curve calibration technique can now be applied to increasing signals, enabling CVS brightener determination via our new method «brightRC».
- In voltammetric trace analysis, the blank curve can now be subtracted from the analysis curves, improving VA measurements on solid electrodes and in complex matrices.
- Blank (VA) and electrolyte (CVS) measurements can now be stored separately from the determination and applied to multiple sample determinations, increasing throughput significantly when running sample series.

NEW!

# Electrochemistry

## INTELLO 1.7 launched

Version 1.7 of the INTELLO software for VIONIC powered by INTELLO introduces new functionalities for optimizing user-friendliness, safety, and data analysis.

- Modernized user interface with improved navigation
- EIS fitting tool: Intuitive one-view tool with built-in circuit library
- Cell protection feature: Specification of global current and voltage limits



NEW!



## µStat-i 1020 – Portable Potentiostat for unlimited applications

The µStat-i 1020 supports a wide range of electrochemical assays. It is currently the most powerful wireless potentiostat in the market providing affordable access to advanced research.

- Potential range:  $\pm 10$  V
- Max. measurable current:  $\pm 200$  mA
- EIS frequency: 500 kHz
- Compliance voltage:  $\pm 14$  V



NEW!

# Process Analytics

## 2060 TI Ex Proof Process Analyzer

Ex-proof process analyzer for hazardous environments

- Water and dust proof, IP66-certified
- Fully compatible with the 2060 platform
- Hazard approval and certification for explosion-proof areas (ATEX, Zones 1 and 2)
- Several process communication protocols are available (Modbus or Discrete I/O)



## ProTrode sensors

Inline sensors for reliable, flexible, and robust control of your production process

- For pH measurements in the pharmaceutical and biotechnology industries (ProTrode 200 and 300) as well as in the chemical industry (ProTrode 250, 350, and 400)
- Available for monitoring dissolved oxygen (DO) and dissolved carbon dioxide (pCO<sub>2</sub>)
- Fully compatible with the 2060 platform



## 2060 Raman Intelligent Sensor «RISE»

Inline Raman spectroscopy sensor to optimize your process analysis

- Available in four different configurations: 2060 RISE, 2060 RISE-HT (consisting of an inline Raman sensor with vortex cooling), 2060 RISE-Ex (Ex-proof version), and 2060 RISE-HT-EX (consisting of an inline Raman sensor with vortex cooling and a purge system)
- Safe, robust IP66-certified housing
- Provides results in less than 5 seconds



NEW!



# m-oem – enabling solutions

m-oem is the Metrohm oem brand representing the products from Innovative Photonic Solutions (IPS), B&W Tek, DropSens, and Metroglas. m-oem is your partner for off-the-shelf precision optical components, electrochemical and sensor instruments and assemblies, spectrometer engines, and custom-built solutions engineered to meet your specific requirements.

# m-oem: Sensors from Metroglas

## Precise in-line pH-measurement

Our pH sensor portfolio is based on decades of experience in developing and manufacturing high-quality sensors for process analytics.

- Reliable measurement results even under challenging operating conditions
- Long service life thanks to carefully selected materials and proven technologies
- Minimal maintenance due to pre-pressurized reference systems and maintenance-free electrolytes



## pCO<sub>2</sub> and DO sensors – reliable, durable, low-maintenance

Our sensors for real-time measurement of dissolved CO<sub>2</sub> and oxygen combine robust design with precise measurement technology.

- Stable measurement performance even under challenging conditions and frequent autoclaving
- Low maintenance and long-lasting thanks to innovative sensor design
- Long-term stability due to low drift and fast response times

**NEW!**

Besides our standard portfolio, we also offer customized solutions to meet your specific requirements.



## m-oem: products by DropSens

### Dream of your sensor and together we will make it true!

If you are developing an electrochemical sensor for a final application, DropSens is your experienced partner in the manufacturing process offering scalable and cost-effective solutions. Reduce the time-to-market and benefit from our technical knowledge and mass production capability with highest quality standards.

- White label and customized designs
- Large manufacturing capability
- Effective price-performance ratio
- Highest quality levels with ISO certifications



### Customized readers for your developed sensor

We offer standalone devices for immediate final results of the parameter under study based on your optimized procedure. Customize it with methods and calibration curves to proceed with the measurements of your developed sensors and also tailor the casing with your logo and label design.

- Record up to three methods and eight calibrations per method
- Parameter updates via software
- Touchscreen for operation
- Internal storage of data with wireless export possibility
- Ideal to be customized as an OEM or private-labelled device



## m-oem: products by B&W Tek and IPS

### High-Power, Single-Frequency Laser for Raman and Quantum

The SyngeraHP from IPS unites the synergies of a master oscillator, a power fiber amplifier, and a frequency doubler to provide superior beam quality with exceptional long-term power and wavelength stability for the most demanding precision applications.

- > 300 mW single-frequency, single-longitudinal-mode output
- Ultra-narrow linewidth (< 100 kHz) and SMSR > 50 dB
- Fiber-coupled or free-space output options for flexible integration
- Ideal for Raman spectroscopy, microscopy, and quantum systems

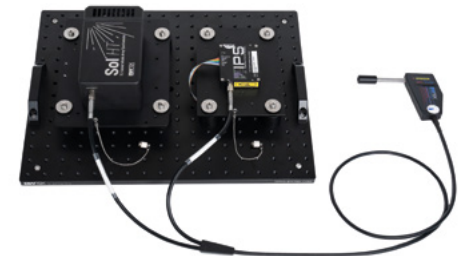


NEW!

### Discover it yourself!

Metrohm has a unique array of modular systems for UV-Vis-NIR and Raman spectroscopy. These systems provide easy, rapid measurements and can be used in a variety of applications from the research lab and classroom. Our Discover-It-Yourself product line features a selection of pre-configured and fully customizable systems for:

- Raman Spectroscopy
- Extended Range Raman
- Low-Frequency Raman
- UV-Vis-NIR Spectroscopy



NEW!

# OMNIS meets Cubis® II

The Cubis® II laboratory balance from Sartorius seamlessly integrates into OMNIS.

