



OMNIS IC

The new benchmark in
ion chromatography

PEOPLE
YOU
CAN
TRUST

 **Metrohm**

THINK

BIG

WITH OMNIS IC



/// Finally, an ion chromatography system that is everything: flexible, user-friendly, absolutely reliable – and always ready for new challenges!

SUPERIOR FLEXIBILITY

MODULAR

STEP BY STEP TO A CUSTOMIZED SYSTEM

The OMNIS IC hardware consists of functional units such as pumps, injectors, detectors, dosing units, etc. These basic units can be combined as needed.



Following the modular principle, you can configure your customized IC system ...

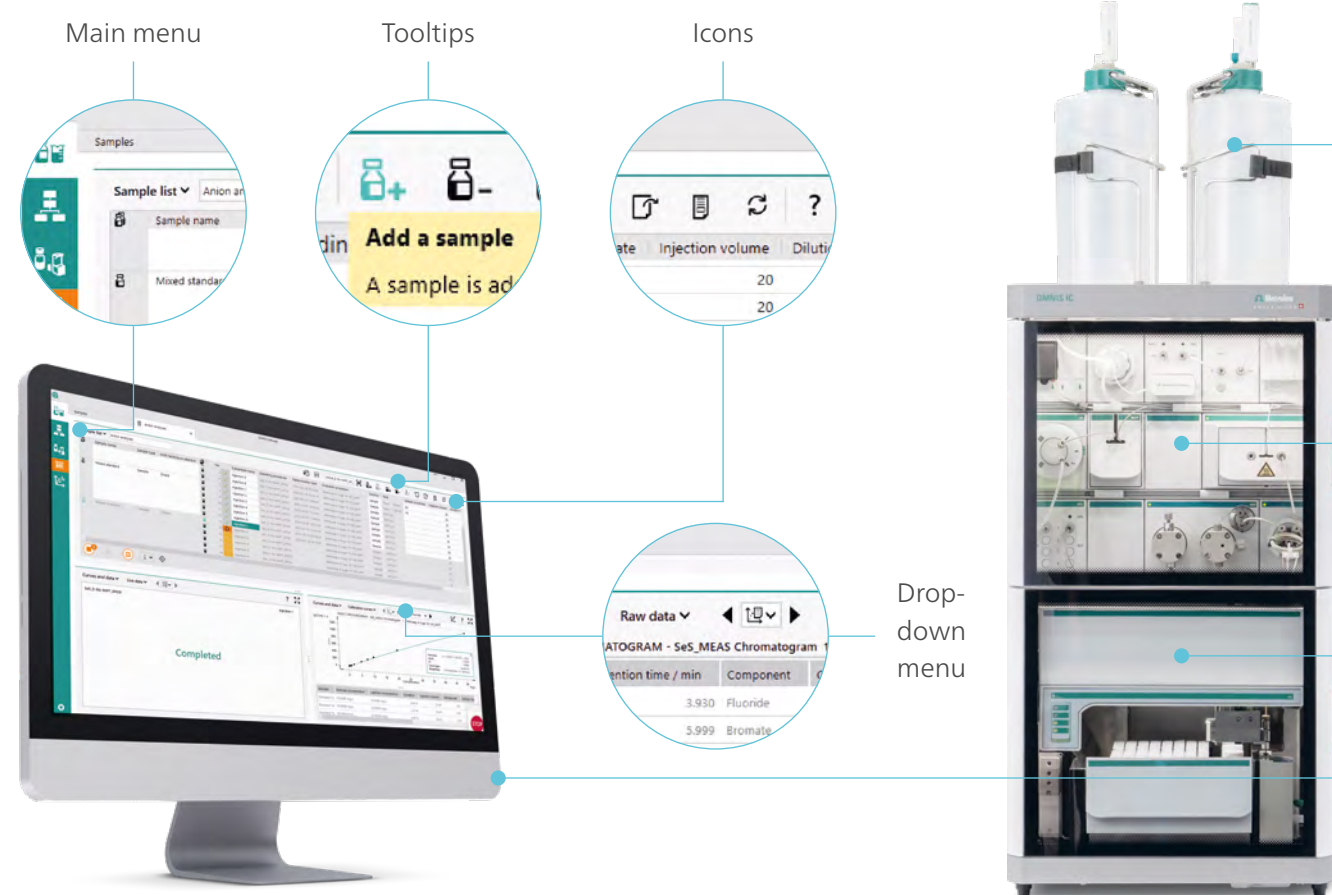
... module by module ...

... using whatever functional units you need.

No matter how complex your future IC applications might be – with OMNIS IC you are always prepared!

SO EASY!

// It's so easy: I put my samples on the rack of the sample changer, and the system does the rest by itself – from sample preparation to the validation of the results.



AUTOMATED WORKFLOWS

AUTOMATIC ELUENT PREPARATION

Saves time and effort: OMNIS IC automatically prepares the required eluent. The fill level of the eluent bottle is automatically monitored and consumption is calculated, so running out of eluent is never an issue.

INLINE SAMPLE PREPARATION AND INTELLIGENT SAMPLE INJECTION

Sample preparation steps such as ultrafiltration, dilution, and dialysis are performed automatically by OMNIS IC. This reduces the risk of user errors and saves valuable time. The integrated autosampler with barcode reader speeds up sample injection and can be upgraded with additional liquid handling options.

INTUITIVE SOFTWARE

The OMNIS user interface is clearly structured and intuitive to use. Clear symbols, menus, tooltips, and help functions make it easy for everyone to quickly familiarize themselves with the software.

ABSOLUTELY RELIABLE!

/// My OMNIS IC tells me automatically when it needs my attention, so I can fully concentrate on other tasks.



Level control

External position 2 Waste	External position 1 Ultrapure Water
Min.	5297 mL
Position 5 Eluent C6 Concentrate	Position 6 N/A
1458 mL	1753 mL
Position 3 Eluent C6	Position 4 Eluent Supp19
2021 mL	2047 mL
Position 1 Regenerant Solution (200 m...	Position 2 Eluent Supp 19 Concentrate
332 mL	1402 mL

Multi Flow Monitor (MFM)



ALL INFORMATION AT A GLANCE

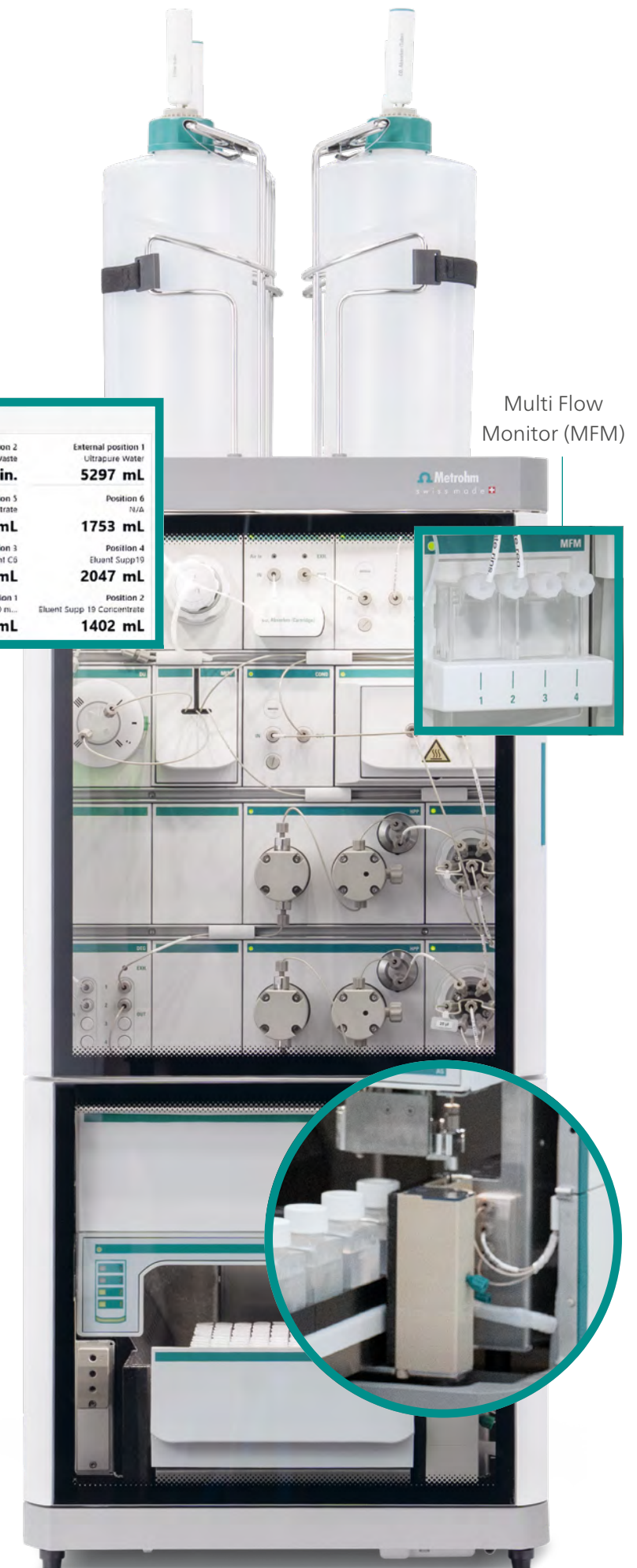
OMNIS IC reliably informs you about the current system status including fill levels, flows, and pressure values. You always know what your OMNIS IC system is doing!

KEEPING YOU SAFE

OMNIS IC checks and validates sample lists and method links in a pre-run check. The equilibration check makes sure the measurement only starts when the background conductivity is stable. The Multi Flow Monitor (MFM) checks all liquids in real-time, detects deviations, and optimizes process stability.

AUTOPURGE AND AUTORINSE

The AutoPurge function automatically ensures a gas-free flow path. And at the end of each sample series, the AutoRinse function prevents sample carryover in subsequent measurements. You can always rely on reproducible measurement results.



UNIQUE PERFORMANCE

// We control all of our routine analytics with one software system. OMNIS means using the specific advantages of titration, ion chromatography, and near-infrared spectroscopy on one platform!

MULTIPLE TECHNOLOGIES ON ONE PLATFORM

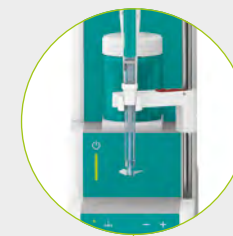
BREAKING UP DATA SILOS

With OMNIS the focus is always on your sample. You don't have to look for your IC, titration, and near-infrared results in different places, but can view them at a single glance for each sample.

This is a big advantage, for example, in drinking water analysis: with OMNIS you can measure conductivity, pH value, total calcium and magnesium hardness as well as anions and cations and get a consolidated report for all of them at a single mouse click.



Near-infrared spectroscopy



Titration



Ion chromatography



Metrohm service and support – close to you

WE ARE A STRONG PARTNER



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.

www.metrohm.com