

**Are you happy with
your IC System?**



**Application
Guarantee –
success
guaranteed!**

Switch to Metrohm now!

There are good reasons to switch to Metrohm!

02

You save money ...

because you will need fewer consumables

- No syringe filters
- No filter caps
- Metrohm anion suppressor lasts for 10 years – guaranteed

You save time ...

because fully automated sample preparation is an integral part of the system

- **Filtration:** any particles are removed from the sample by Inline Ultrafiltration
- **Dilution:** the optimum dilution factor is calculated automatically and the sample diluted
- **Calibration:** calibrations are performed automatically based on a single multi-ion standard

You will feel safer ...

because your Metrohm IC System is self monitoring

- Out of spec parameters are reported in plain text
- Intelligent components (columns, pumps, detector) log in automatically & report if service is required
- In case of an emergency you are protected by your Metrohm Care Contract

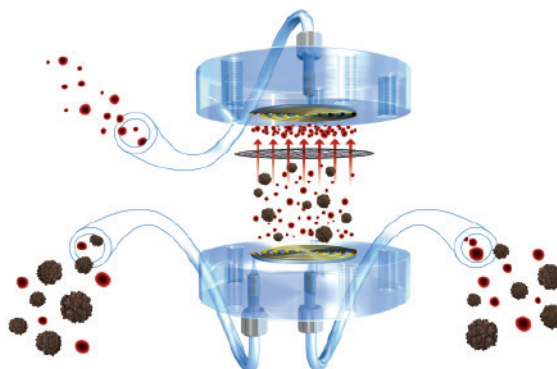
The difference is in the details: fully integrated & automated sample preparation!

03

Inline Ultrafiltration – forget about syringe filters!

Inline Ultrafiltration combines sample introduction with immediate filtration. Because of this unique technical feature, filters with a pore size of 0.2 μm can be used for 100 or even more samples.

- Fully automatic filtration (0.2 μm) of samples during sample introduction
- More than 100 samples with one filter, because carryover from sample to sample is negligibly small (<0.1%)
- Cost-saving solution for routine analysis



Schematic of ultrafiltration cell

Inline Dilution – leave the pipette in the drawer!

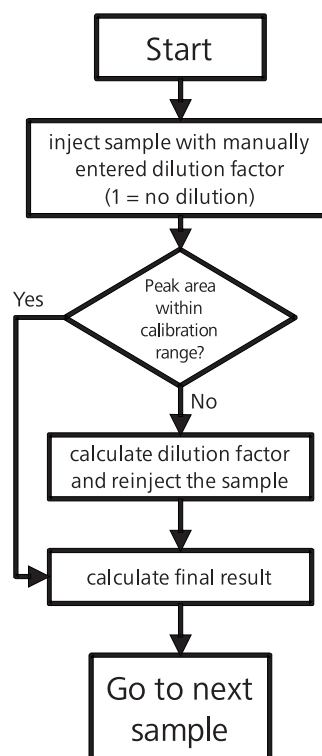
Inline Dilution means all you need to do is place your samples on the rack of your sample processor. The system automatically calculates the optimum dilution factor and analyzes the sample. Thus your results are always reliable, because they are within the calibration range.

- Unique dilution system based on logical decisions of the system
- Accurate and reliable results, irrespective of the initial concentration of the sample
- Automatic sample dilution during sample introduction

Automated calibration – things can be so easy!

Of course, not only samples, but also standards can be diluted. Consequently, Metrohm offers you the possibility of automatic calibration, i.e., you only need to prepare a single multi-ion standard. The system dilutes this standard with different dilution factors and thus carries out a multipoint calibration.

- Automatic calibration; preparation of a single multi-ion standard is enough
- High flexibility: one method for all dilution factors between 1 and 100
- Sample concentrations in the range 1:10'000 can be analyzed reliably with automatic calibration



Schematic of logical Inline Dilution

Metrohm – outstanding quality guaranteed!

10 year
anion suppressor
warranty

10 year
spare part availability

3 year
instrument warranty

Metrohm
application guarantee

5 year
software support

www.metrohm.com

 **Metrohm**