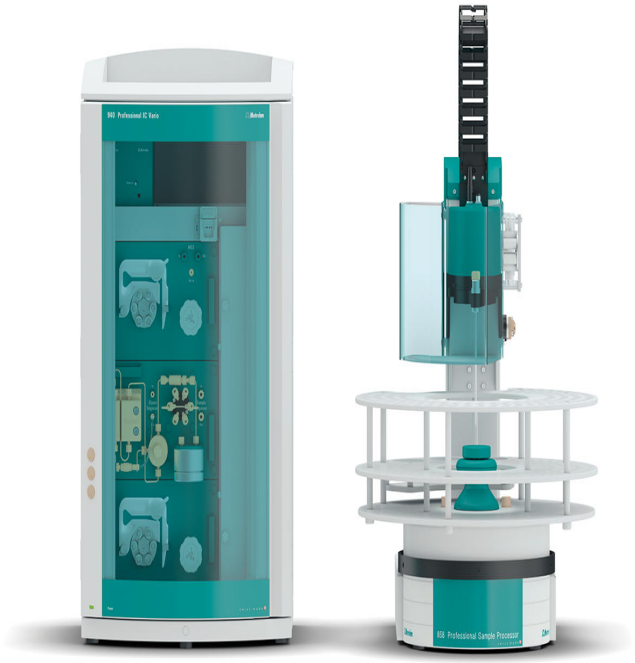


"ProfIC Vario 10 Anion" – Professional IC Vario system with Inline Neutralization

ProfIC-Vario-10-Anion

The Professional IC Vario system with **Metrohm Inline Neutralization, sequential suppression** and **conductivity detection** enables the determination of anions in matrices with extreme alkali, acid, or metal contamination.

Typical areas of application:

– Trace analysis in bases and acids
– Starter substances from the electroplating industry
– Contamination in electroplating baths

Schematic representation

Below, the accessories are grouped into Scope of delivery and Optional accessories.
Please keep this printout at hand for ordering replacement material.
These lists may be subject to change.

Scope of delivery ProfIC-Vario-10-Anion

Order Number	Description	Quantity
2.940.1530 	**940 Professional IC Vario ONE/SeS/PP/Prep 3** The 940 Professional IC Vario ONE/SeS/PP/Prep 3 is the intelligent IC instrument with sequential suppression with a peristaltic pump for suppressor regeneration in combination with Metrohm Inline Sample Preparation, e. g., Inline Neutralization or Inline Cation Removal. The instrument can be used with any separation and detection methods. Typical areas of application: – Anion determinations with sequential suppression after Inline Neutralization – Online trace analysis with Inline Neutralization and subsequent MiPCT-ME – Anion analysis after cation removal in samples with high transition metal concentrations, e.g., electroplating baths	1 PCS
2.850.9010 	**IC Conductivity Detector** Compact and intelligent high performance conductivity detector for intelligent IC instruments. Outstanding temperature stability, the complete signal processing within the protected detector block and the latest generation of DSP – Digital Signal Processing – guarantee the highest precision of the measurement. No change of measuring ranges (not even automatic ones) is required, due to the dynamic working range.	1 PCS

6.2835.000

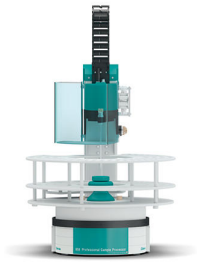
SPM Rotor A 1 PCS



Rotor for inline sample preparation with cation exchange

2.858.0030

858 Professional Sample Processor – Pump – Injector 1 PCS



The 858 Professional Sample Processor – Pump – Injector processes samples from 500 µL to 500 mL. The sample transfer takes place either with the installed bidirectional two-channel peristaltic pump or by means of an 800 Dosino. In addition, a six-way injection valve is available for the sample preparation.

6.1602.150

Bottle attachment / GL 45 - 3 x UNF 10/32 1 PCS



For the connection of 1/16 in. capillaries. Used in conjunction with MSM auxiliary solutions and in Metrohm Inline Sample Preparation.

6.1608.070

Eluent bottle / 2 L / GL 45 1 PCS



6.1825.230

PEEK sample loop 10 µL

1 PCS

For injection valve, with 2 PEEK pressure screws



Optional accessories

6.2041.760
Sample rack 54 x 11 mL + 1 x 300 mL



Sample rack with small diameter for 54 x 11 mL sample vessels in two rows and additionally 1 x 300 mL bottle.

6.2041.440
Sample rack, 148 x 11 mL and 3 x 300 mL (PVC)



Sample rack for 858 Professional Sample Processor, 815 Robotic USB Sample Processor XL, suitable for 148 sample vessels and 3 rinsing bottles. The following sample vessels and rinsing bottles can be used: 6.2743.050, 6.1608.080, 6.1627.000, 6.2743.040.
Plastic: Polyvinyl chloride (PVC)

6.2743.040
Vial PP, 2.5 mL, 2000 pieces



2.5 mL. 2000 pieces. For IC Sample Processors.
The IC sample vessels are made of polypropylene (PP) plastic for health-care applications. Production and packaging both take place under sterile and clean-room conditions (Clean Room Class 7, in accordance with DIN ISO 14644). This guarantees minimal degrees of contamination. The sample vessels are subjected to random checks for leachable anions and cations.

6.2743.050

Sample vessel 11 mL



2000 pieces. For IC Sample Processors and VA Autosamplers.
The IC sample vessels are made of polypropylene (PP) plastic for health-care applications. Production and packaging both take place under sterile and clean room conditions (Clean Room Class 7, in accordance with DIN ISO 14644). This guarantees minimal degrees of contamination. The sample vessels are subjected to random checks for leachable anions and cations.

6.2743.070

Stopper with perforation



2000 pieces. For IC Sample Processors

6.2842.000

MSM-HC Rotor A



Suppressor rotor for all IC instruments with MSM-HC (Metrohm Suppressor Module with high capacity)

6.2844.000

MSM-LC Rotor A



Suppressor rotor for use with 2 mm columns.

6.2832.000
MSM Rotor A



Suppressor rotor for all IC instruments with MSM (Metrohm Suppressor Module)

6.2842.020
Adapter sleeve, MSM



Not only the MSM Rotor A but also the MSM-LC Rotor A can be installed in the rotor housing with the aid of the adapter sleeve.

2.941.0010
941 Eluent Production Module



The 941 Eluent Production Module enables the automatic production of an eluent. It enables continuous working without manual intervention and guarantees stable retention times. It can be combined with all Metrohm IC instruments and is monitored by MagIC Net.

6.5330.130
IC equipment: Liquid Handling Station, left



Accessory set for assembling the Liquid Handling Station on the Professional Sample Processor. The rinsing water supply can be accomplished by means of a peristaltic pump or a Dosino.

2.800.0010
800 Dosino (cable: 1.5 m)

The 800 Dosino is a drive with write/read hardware for intelligent dosing units. With permanently attached cable (length 1.5 m).



6.2744.080
M6 thread / UNF 10/32 adapter

With M6 outer thread. For IC instruments.



6.3032.150
807 Dosing Unit 5 mL

807 Dosing Unit with integrated data chip with 5 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.2842.200
MSM-HC Rotor C

Suppressor rotor for all IC instruments with MSM-HC drive (Metrohm Suppressor Module with high capacity) for cation suppression.



6.6059.422

MagIC Net 4.2 Professional: 1 license

Professional chromatography software from Metrohm for controlling all intelligent Professional IC systems, Compact IC systems and their peripherals, all detectors and the various Auto samplers, 800 Dosino, 771 Compact Interface, etc. The software permits checks, data acquisition, data evaluation and data monitoring as well as report generation of ion chromatographic analyses.

Graphical user interface for routine operations, extensive database programs, method development, configuration and manual control panel; very flexible user management, efficient database operations, extensive data export functions, individually configurable report generator, control and monitoring of all system components and the chromatography results.

MagIC Net Professional complies fully with FDA Regulation 21 CFR Part 11 as well as GLP.

MagIC Net is available in 15 dialog languages: German, English, Chinese, Traditional Chinese, French, Italian, Spanish, Portuguese, Bulgarian, Czech, Hungarian, Japanese, Korean, Russian, Slovakian

With this version, the graphic user interface has been modernized, which improves, among other things, the scaling and sharpness of the user interface on 4K monitors.

1 license

The installation and documents are supplied on a USB flash drive.

6.6059.423

MagIC Net 4.2 Multi: 3 licenses



Client/server-compatible chromatography software from Metrohm for controlling all intelligent Professional IC systems, Compact IC systems and their peripherals, all detectors and the various Autosamplers, 800 Dosino, 771 Compact Interface, etc.
The software permits checks, data acquisition, data evaluation and data monitoring as well as report generation of ion chromatographic analyses.
Data and method are centrally stored on a Server.

Graphical user interface for routine operations, extensive database programs, method development, configuration and manual control panel; very flexible user management, efficient database operations, extensive data export functions, individually configurable report generator, control and monitoring of all system components and the chromatography results.
MagIC Net Multi complies fully with FDA Regulation 21 CFR Part 11 as well as with GLP.
MagIC Net is available in 15 dialog languages: German, English, Chinese, Traditional Chinese, French, Italian, Spanish, Portuguese, Bulgarian, Czech, Hungarian, Japanese, Korean, Russian, Slovakian
With this version, the graphic user interface has been modernized, which improves, among other things, the scaling and sharpness of the user interface on 4K monitors.
Performance for client/server systems with servers outside the in-house company network has been improved.
Client/server version with 3 licenses