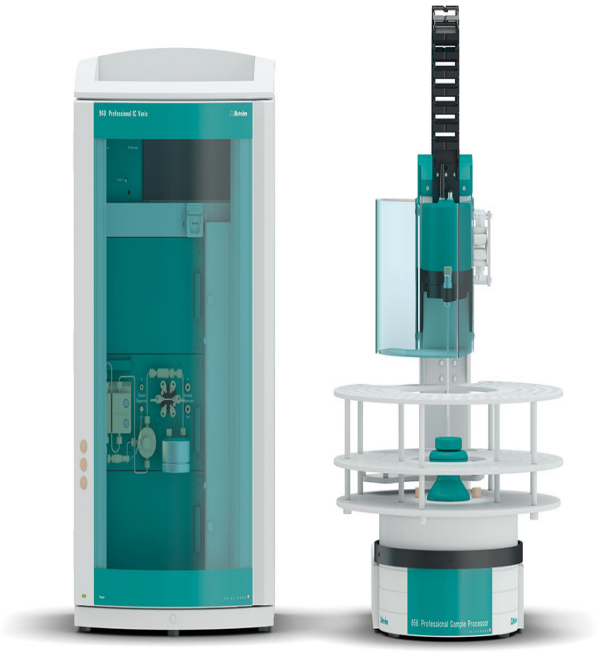


"ProfIC Vario 2 Cation" – Professional IC Vario system with inline ultrafiltration

ProfIC-Vario-02-Cation

The Professional IC Vario system with **Metrohm inline ultrafiltration** and **conductivity detection** enables fully automatic determination of cations or anions (non-suppressed).

Typical areas of application:

– Samples with slight to moderate contamination with particles, algae, or bacteria
– Drinking and surface water
– Process and waste water

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-02-Cation

Order Number	Description	Quantity
2.940.1100 	**940 Professional IC Vario ONE** The 940 Professional IC Vario ONE is the intelligent IC instrument for applications without suppression. The instrument can be used with any separation and detection methods. Typical areas of application: – Anion and cation determinations without suppression – Analyses with UV/VIS detection with or without post-column derivatization – Applications with amperometric detection (e.g., sugar analysis) – Trace analysis for cations with MiPCT	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

2.858.0020

858 Professional Sample Processor – Pump 1 PCS



The 858 Professional Sample Processor – Pump processes samples from 500 µL to 500 mL. The sample transfer takes place either with the installed bidirectional two-channel peristaltic pump or with an 800 Dosino.

6.05330.010

IC equipment: Inline Ultrafiltration 2 - pull mode 1 PCS



Accessory set for Inline Ultrafiltration 2 - pull mode. For use with the 858 Professional Sample Processor/ 919 IC Autosampler plus.

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)

6.2743.050
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

6.1050.420
Metrosep C 4 - 150/4.0



The Metrosep C 4 - 150/4.0 is the universal standard column in cation analysis for accomplishing high separating efficiency in a short time. The Metrosep C 4 - 150/4.0 is the ideal separation column for the analysis of alkaline and earth alkaline metals in aqueous media.

6.1050.500
Metrosep C 4 Guard/4.0



The Metrosep C 4 Guard/4.0 contains the C-4 column material and is used to protect all Metrosep cation columns that have a substrate based on silica gel. Particles and contamination are reliably retained, considerably prolonging the service life of the analytical separation column. The economical price is an additional plus. The Metrosep C 4 Guard/4.0 also works based on the "On Column Guard System" and is screwed directly onto the separation column with virtually no dead volume.

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.

6.2769.110
EMPTY sensor for level sensor for 2 L bottles



This sensor, mounted in the 6.1626.000 bottle attachment, results in the level sensor EMPTY for 2 L bottles. Included are two sensor rods, one aspiration tubing and two holders for fixing the tubing to one of the sensor rods.

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).

6.3032.150
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.

6.02729.110
Ultrafiltration cell 2



For the Inline ultrafiltration of samples together with the 858 Professional Sample Processor / 919 IC Autosampler plus. As an alternative to the time-consuming manual filtration with a syringe filter.

6.2714.020
Filtration membrane reg. cellulose, 0.2 µm, 50 pieces



Nominal pore size: 0.2 µm. Set of 50 pieces. For inline filtration.

6.05330.210
IC equipment: Inline Ultrafiltration 2 - MiPT



Accessory set to combine Inline Ultrafiltration 2 and MiPT. For use with the 858 Professional Sample Processor.

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