«ProfIC Vario 8 Cation» – Professional IC Vario System mit Inline-Matrixeliminierung

ProfIC Vario 8 Cation

Das Professional IC Vario System mit Metrohm Inline-Matrixeliminierung und Leitfähigkeitsdetektion ermöglicht die Bestimmung von Kationen oder Anionen (non-suppressed) in schwierigen Matrices.
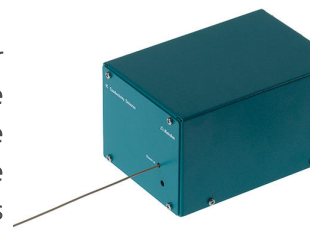
Typische Anwendungsgebiete:

- Spurenanalytik in polaren Lösungsmitteln
- Qualitätskontrolle in Kraftstoffen, Kraftstoffgemischen und Biokraftstoffen
- Qualitätssicherung von Chemikalien

Schematische Darstellung

Lieferumfang ProfIC Vario 8 Cation

Qt.	Order no.	Beschreibung

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	2.858.0030	858 Professional Sample Processor – Pump – Injector

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.

---

1 PCS	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	6.1602.150	Bottle attachment / GL 45 - 3 x UNF 10/32

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

Ω Metrohm

| 1 PCS | 6.1608.070 | Eluent bottle / 2 L / GL 45 |

| 1 PCS | 6.1825.230 | PEEK sample loop 10 µL |

For injection valve, with 2 PEEK pressure screws

Optionales Zubehör

Order no.	Beschreibung
2.800.0010	**800 Dosino** The 800 Dosino is a drive with write/read hardware for intelligent Dosing Units. With fixed cable (length 150 cm).
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.
6.1010.310	**Metrosep C PCC 1 HC/4.0** For cation preconcentration and matrix elimination
6.1014.200	**Metrosep I Trap 1 - 100/4.0** The Metrosep I Trap 1 - 100/4.0 column is used to eliminate ionic, i.e. cationic and anionic, contaminants from aqueous solutions. Its use is especially recommended for the purification of the transfer water in combination with "MISP" or "Metrohm Inline Sample Preparation". Using the Metrosep I Trap 1 - 100/4.0 column can significantly reduce the influence of the transfer water on the system blank.

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.

6.2041.440   Sample rack 148 x 11 mL + 3 x 300 mL

Sample rack for 148 x 11 mL samples with 3 rinsing beakers.

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.

Metrohm

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

6.2744.080   M6 thread / UNF 10/32 adapter

With M6 outer thread. For IC instruments.

Metrohm

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.

6.3032.150   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.

6.3032.210   807 Dosing Unit 10 mL

807 Dosing Unit with integrated data chip with 10 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.

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.

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