«ProfIC Vario 12 Anion» Professional IC Vario

ProfIC Vario 12 Anion

Professional IC Vario **Dosino** 724

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Scope of delivery ProfIC Vario 12 Anion

Qt.	Order no.	Description

Metrohm

2 PCS	**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).

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	**2.940.1400**	**940 Professional IC Vario ONE/SeS**

The 940 Professional IC Vario ONE/SeS is the intelligent IC instrument for applications with **sequential suppression**. An 800 Dosino can be used for the regeneration of the suppressor. The instrument can be used with any separation and detection methods.

Typical areas of application:

- Anion or cation determinations with sequential suppression
- Trace analysis for anions or cations
- Online monitoring for anions or cations

1 PCS	**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.

| 1 PCS | **2.942.0070** | **942 Extension Module Vario LQH** |

The 942 Extension Module Vario LQH is an extension module for the Professional IC Vario line of instruments. It expands the possibilities of **Metrohm Inline Sample Preparation "MISP"** and **Liquid Handling** and opens a Professional IC system for **Online Monitoring**.
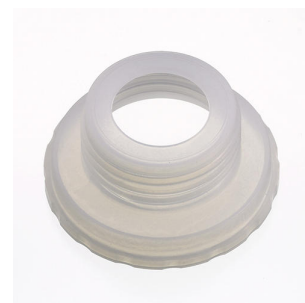
Typical applications:

- Extended Inline Sample Preparation
- Online monitoring
- Dilution without sample changers
- Fully automatic sample derivation reactions

| 1 PCS | **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.

| 1 PCS | **6.1618.020** | **Thread adapter S 40 to GL 45** |

Adapter for bottles with S40 thread (Merck...) to GL45.

| 2 PCS | **6.1805.030** | **FEP tubing / M6 / 150 cm** |

With light and kink protection

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1 PCS	**6.1808.260**	**Distributor for pump tubings for Sample Processors**

The distributor has one inlet and four M6 openings for the connection of pump tubings.

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1 PCS	**6.1820.020**	**M10/M6 adapter**

Connector with M10 thread for 6.1812.XXX tubing and M6 thread for 6.1805.XXX tubing.

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1 PCS	**6.1825.290**	**PEEK sample loop 250 µL**

Sample loop for «Metrohm intelligent Partial loop Technique» (MiPT) and for PILS (particle into liquid sampler). With 2 Peek pressure screws.

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2 PCS	**6.1831.180**	**PEEK Capillary 0.5 mm i.d., 3 m**

| 1 PCS | **6.2053.030** | **Mounting ribbon for 6.2744.340, 25x50 mm** |

Mounting ribbon for Dosino gradient IC equipment

| 1 PCS | **6.2744.010** | **Pressure screw 5x** |

With UNF 10/32 connection. For the connection of PEEK capillaries

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| 2 PCS | **6.2744.080** | **M6 thread / UNF 10/32 adapter** |

With M6 outer thread. For IC instruments.

| 1 PCS | **6.2744.150** | **T connector UNF 10/32** |

T connector for 3 capillaries.

Ω Metrohm

| 1 PCS | **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.
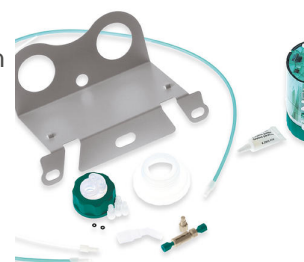

| 1 PCS | **6.5330.190** | **IC equipment: Dosino regeneration** |

Accessory set for the assembly of a Dosino for automatic regeneration of the Metrohm Suppressor Module (MSM).

Ω **Metrohm**

Optional accessories

Order no.	Description
2.942.0300	**942 Extension Module Vario ChS/PP**

The 942 Extension Module Vario ChS/PP is an extension module for the Professional IC Vario line of instruments. It permits the integration of a complete **chemical suppression** with a **peristaltic pump** for suppressor regeneration or **Inline Neutralization** or **Inline Cation Removal**, respectively, in a Professional IC Vario system.

Typical applications:

- Chemical suppression for 2nd analysis channel
- Inline Neutralization/Cation Removal

6.1014.000	**Metrosep A Trap 1 - 100/4.0**

High-capacity anion column, which is used to purify the eluent flow. Even chemicals of the highest quality level, e.g. "Ultrapur" or "puriss", can still contain minimal anion contaminations. These are reliably held back by the Metrosep A Trap 1 - 100/4.0.

This column is primarily used with gradient applications.

6.2148.010	**Remote Box MSB**

Additional remote interface for the connection of devices that can be controlled via remote lines. With permanently attached cable.

6.2832.000   **MSM Rotor A**

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

6.2835.000   **SPM Rotor A**

Rotor for inline sample preparation with cation exchange

6.2842.000   **MSM-HC Rotor A**

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

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.

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.

6.2844.000   **MSM-LC Rotor A**

Suppressor rotor for use with 2 mm columns.

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