

Accessories for 2.940.1530

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 2.940.1530

Qty.	Order no.	Description	
1 pcs	1.940.1530	940 Professional IC Vario ONE/SeS/PP/Prep 3	
		<p>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.</p> <p>Typical areas of application:</p> <ul style="list-style-type: none"> • 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 	
2 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.	
2 pcs	6.1608.020	Glass bottle / 1000 mL / GL 45	
		Bottle for auxiliary solutions.	
1 pcs	6.1803.020	PTFE capillary 0.97 mm i.d. / 5 m	
		For all IC instruments	

2 pcs 6.1826.340 Pump tubing LFL (black/black), 3 stoppers

For the sample solution in inline dialysis.



1 pcs 6.1826.420 PharMed® pump tubing (orange/yellow), 3-stopper

For MSM regeneration with peristaltic pump.



1 pcs 6.2744.030 Coupling olive/UNF 10/32, 4x

Connection between pressure screw and pump tubing. 4 pieces. For IC instruments with peristaltic pump



1 pcs 6.2744.040 2 x UNF 10/32 coupling

For connecting 1/16 in. capillaries. For IC instruments



1 pcs 6.2744.070 Pressure screw short

Short version. With UNF 10/32 connection. 5 pieces. For the connection of PEEK capillaries



3 pcs 6.2744.180 Pump tubing connector with security lock and filter

For the connection of a pump tubing and a capillary with built-in filter



1 pcs 6.2755.000 Tubing cartridge

For the peristaltic pumps of IC instruments. Contact pressure adjustable.



1 pcs 6.2835.010 Connecting piece to MSM and SPM module

Universal connecting piece for MSM in Professional IC Vario and Compact Flex instruments and for MSM-HC and SPM module. With inlets and outlets.



1 pcs 6.5000.000 Accessory kit: Vario/Flex Basic

Basic set of accessories for a Professional IC Vario or Compact IC Flex.



1 pcs 6.5000.010 Accessory kit: Vario/Flex ONE

Set of accessories for the ONE Module (IC pump with injector) for Professional IC Vario and Compact IC Flex instruments.








1 pcs 6.5000.020 Accessory kit: Vario/Flex SeS

Set of accessories for sequential suppression (SeS) for Professional IC Vario and Compact IC Flex instruments. Without Suppressor Rotor.



Optional accessories

Order no.	Description	
2.800.0010	800 Dosino	
	Drive with write/read hardware for intelligent Dosing Units. With fixed cable (length 150 cm).	
2.800.0020	800 Dosino	
	Drive with write/read hardware for intelligent dosing units. With permanently attached cable (length 0.65 m).	
2.815.4110	815 Robotic Soliprep for LC	
	The 815 Robotic Soliprep for LC is a complete system for the completely automatic preparation of samples which need to be dissolved, homogenized, diluted or filtered prior to their determination. The samples are conveyed directly into the injector of the chromatograph after preparation.	
	Comprised of:	
	1 x 815 Robotic USB Sample Processor XL	
	1 x 136 Polytron with power supply	
	1 x 772 Pump Unit	
	2 x 786 Swing Head	
	2 x 800 Dosino	
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.	
2.850.9110	IC Amperometric Detector	
	Compact and intelligent amperometric detector for intelligent IC instruments. Outstanding selectivity due to the four measuring modes: DC, PAD, flexIPAD and CV, as well as the excellent signal/noise ratio and the very fast stabilization of the measuring signal guarantee the highest in measurement precision.	

2.858.0010 858 Professional Sample Processor

The 858 Professional Sample Processor processes samples from 500 μL to 500 mL. The sample transfer takes place either by means of a peristaltic pump on the 850 Professional IC system or with an 800 Dosino.



2.858.0020 858 Professional Sample Processor – Pump

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.



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.



2.863.0010 863 Compact IC Autosampler

The 863 Compact IC Autosampler is the ideal help for routine analysis. It enables automation of the full range of Metrohm IC instruments.



2.889.0010 889 IC Sample Center

The 889 IC Sample Center is a robust Autosampler for high sample throughput, optimized for the challenges of the modern analytic laboratory. It works in accordance with the x-y-z principle and a syringe control with high resolution for precise sample injection. A double needle system enables the penetration of vessel caps and septa. A PEEK injection valve completes the automation system of the 889 IC Sample Center. It is the appropriate automation solution when you have only a very small amount of sample.



2.889.0020 889 IC Sample Center – cool

The 889 IC Sample Center – cool is the appropriate automation solution when you have only a very small amount of sample. In comparison with the 889 IC Sample Center, it possesses in addition a cooling function and is thus the ideal sample changer for biochemically relevant or thermally unstable samples.



2.919.0020 919 IC Autosampler plus

The 919 IC Autosampler plus fulfills the requirements of laboratories with medium sample numbers. It enables automation of the full range of Metrohm IC instruments.



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.



2.942.0020 942 Extension Module Vario Prep 2

The 942 Extension Module Vario Prep 2 is an extension module for the Professional IC Vario line of instruments. It multiplies the possibilities of **Inline Sample Preparation** and **Liquid Handling** in Professional IC Vario systems.



Typical applications

- Inline Dialysis in two-channel Vario systems
- Inline Dialysis in systems without sample changers
- Column switching and cutting techniques

2.942.0040 942 Extension Module Vario HPG

The 942 Extension Module Vario HPG is an extension module for the Professional IC Vario line of instruments. It permits the addition of a further eluent in a Professional IC Vario **high-pressure gradient system**.

Typical applications

- High-pressure gradient systems with up to four eluents



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**



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



2.942.0500 942 Extension Module Vario SeS/PP

The 942 Extension Module Vario SeS/PP is an extension module for the Professional IC Vario line of instruments. It permits the integration of a complete **sequential suppression** with a **peristaltic pump** for suppressor regeneration in a Professional IC Vario system.

Typical applications:

- Sequential suppression for an additional analysis channel



2.942.1060 942 Extension Module Vario ONE/Deg

The 942 Extension Module Vario ONE/Deg is an extension module for the Professional IC Vario line of instruments. It permits the installation of an additional **IC analysis channel** in a Professional IC Vario system.

Typical applications:

- Parallel anion and cation analysis with low-pressure gradient
- Parallel anion and cation analysis with Inline Neutralization
- Additional analysis channel with UV/VIS or amperometric detector



2.943.0110 943 Professional Reactor Vario

The 943 Professional Reactor Vario is a heatable reactor, especially developed for pre- and post-column derivatization. It captivates by its robustness, the fast heating rate and the possibility of carrying out reactions at up to 150 °C.



2.943.0210 943 Professional Thermostat Vario

The 943 Professional Thermostat Vario is a stand-alone column oven for up to two columns with a maximum length of 150 mm. It captivates by its fast heating rate and the possibility of operating two separation columns together at up to 80°C.



2.944.0010 944 Professional UV/VIS Detector Vario

The 944 Professional UV/VIS Detector Vario is the intelligent UV/VIS detector from Metrohm. It permits a secure and reliable quantification of substances active in the ultraviolet or visible range. Detection takes place via a Diode Array.



2.945.0010 945 Professional Detector Vario – Conductivity

Intelligent stand-alone detector equipped with a high-performance IC Conductivity Detector. For use with intelligent IC instruments or as independent conductivity detector.



2.945.0020 945 Professional Detector Vario – Amperometry

Intelligent stand-alone detector equipped with the IC Amperometric Detector. Outstanding selectivity due to the four measuring modes: DC, PAD, flexIPAD, CV. The excellent signal/noise ratio and the very fast start-up guarantee the highest in measurement precision. For use with intelligent IC instruments or as independent detector.



2.945.0030 945 Professional Detector Vario – Conductivity & Amperometry

Intelligent stand-alone detector equipped with the high performance IC Conductivity Detector and the IC Amperometric Detector, with the four measuring modes DC, PAD, flexIPAD and CV. For use with intelligent IC instruments or as independent detector for conductivity and amperometric detection.



6.2617.040 Tool for piston seal, macro

For removing and assembling the piston seal for all macro pump heads



6.2741.000 Piston seal

For all IC pumps. Particularly well-suited for eluents with organic solvents.



6.2741.040 PE/PTFE piston seal, macro

For all macro pump heads



6.2824.130 Macro pump head PEEK

Macro pump head for intelligent IC instruments, flow range 0.1...20 mL/min, maximum pressure 12.5 MPa.



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 for Suppressor Vario

The use of the adapter sleeve makes it possible to install both the Standard MSM and the MSM-LC rotor in the MSM-HC housing.



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.



6.6059.322 MagIC Net 3.2 Professional CD: 1 license

Professional PC program for controlling all of the intelligent Professional IC systems, Compact IC instruments and their peripherals, such as various Autosamplers, 800 Dosinos, 771 Compact Interface, etc. The software permits the inspection, data acquisition, data evaluation, data monitoring and report generation of ion chromatographic analyses.

Graphical user interface for routine operations, extensive database programs, method development, configuration and manual system control; very flexible user administration, 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 16 dialog languages.

1 license.



6.6059.323 MagIC Net 3.2 Multi CD: 3 licenses

Professional PC program for controlling all of the intelligent Professional IC systems, Compact IC instruments and their peripherals, such as various Autosamplers, 800 Dosinos, 771 Compact Interface, etc. The software permits the inspection, data acquisition, data evaluation, data monitoring and report generation of ion chromatographic analyses.

Graphical user interface for routine operations, extensive database programs, method development, configuration and manual system control; very flexible user administration, 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 16 dialog languages.

Client/server version with 3 licenses.
