





Accessories for 2.940.1150

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 2.940.1150

Qty.	Order no.	Description	
1 pcs	1.940.1150	940 Professional IC Vario ONE/LPG	
		The 940 Professional IC Vario ONE/LPG is the intelligent IC instrument without suppression with low-pressure gradient . The instrument can be used with any separation and detection methods.	
		Typical areas of application:	
		<ul style="list-style-type: none"> • Carbohydrate analysis with pulsed amperometric detection (PAD) after gradient elution • Gradient applications with UV/VIS detection with or without post-column derivatization 	
2 pcs	6.1602.160	Bottle attachment GL 45 for eluents and reagents	
		For eluent, reagent, and rinsing bottles, with connectors for the adsorber tube and the aspiration tubing.	
2 pcs	6.1608.070	Eluent bottle / 2 L / GL 45	
2 pcs	6.1609.000	Adsorbing tube, large and bent	
		For filling with adsorber material.	

2 pcs **6.1834.080** **Aspiration tubing, 2 m**
Aspiration tubing for Professional IC instruments



1 pcs **6.1834.120** **Tubing connection Degasser - mixing valve, 215 mm**
Connection between the Eluent Degasser and the low pressure mixing valve.



2 pcs **6.2023.020** **Clip for SGJ 14/15**
Clip for SGJ 14/16



1 pcs **6.2744.040** **2 x UNF 10/32 coupling**
For connecting 1/16 in. capillaries. For IC instruments



2 pcs **6.2744.210** **Tubing adapter for aspiration filter (ProfIC)**
For Professional IC instruments



1 pcs **6.2758.020** **Mixing coil for low pressure gradients**



2 pcs **6.2821.090** **Aspiration filter**
Pore size 20 µm, set of 5 pieces. For 6.1834.000 Aspiration tubing and 6.1821.040 and 6.1821.050 Filter tubes.



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.



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.



2.945.0010 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.



2.947.0010 947 Professional UV/VIS Detector Vario SW

As an intelligent, single-wavelength detector, the 947 Professional UV/VIS Detector Vario SW permits a secure and reliable quantification of substances active in the ultraviolet or visible range. One wavelength can be selected.



2.947.0020 947 Professional UV/VIS Detector Vario MW

As an intelligent, multi-wavelength detector, the 947 Professional UV/VIS Detector Vario MW permits a secure and reliable quantification of substances active in the ultraviolet or visible range. Up to eight wavelengths can be freely selected. A diode array is used for detection.



6.2061.130 Safety bottle holder for Professional IC instruments

Additional bottle holder for Professional IC instruments.



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.



6.6059.332 MagIC Net 3.3 Professional CD: 1 license

Professional PC program for controlling all intelligent Professional IC systems, Compact IC instruments and their peripherals, such as various Autosamplers, 800 Dosino, 771 Compact Interface, etc. The software permits checks, 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 management, powerful 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.



6.6059.333 MagIC Net 3.3 Multi CD: 3 licenses

Professional PC program for controlling all intelligent Professional IC systems, Compact IC instruments and their peripherals, such as various Autosamplers, 800 Dosino, 771 Compact Interface, etc. The software permits checks, 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 management, powerful 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.
