





## Accessories for ProfIC Vario 9 AnCat

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 9 AnCat

Qty.	Order no.	Description	
2 pcs	2.786.0040	<b>786 Swing Head</b> Additional equipment for Robotic Sample Processors XL without titration or transfer heads.	
3 pcs	2.800.0010	<b>800 Dosino</b> Drive with write/read hardware for intelligent Dosing Units. With fixed cable (length 150 cm).	
1 pcs	2.815.0130	<b>815 Robotic USB Sample Processor XL (2T/0P)</b> Robotic USB Sample Processor XL for the automatic processing of routine samples in series with large quantities and for complex sample preparation or parallel runs. Up to four pumps (membrane or peristaltic) and three dosing devices for Liquid Handling tasks can be connected. Because of the multitude of application variants, rack, stirrer, titration head, robotic arm, Swing Head and sample vessels must be tailored to the application and ordered separately.	
2 pcs	2.850.9010	<b>IC Conductivity Detector</b> 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    2.940.2500    940 Professional IC Vario TWO/SeS/PP**

The 940 Professional IC Vario TWO/SeS/PP is the intelligent **two-channel** IC instrument with **sequential suppression** (one channel) and a **peristaltic pump** for suppressor regeneration. The instrument can be used with any separation and detection methods.

Typical areas of application:

- Standard instrument for parallel anion and cation determinations
- Trace analysis for anions and cations
- Online monitoring for anions and cations



**2 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    6.1462.030    Robotic arm with transfer head for 786 Swing Head, left swinging**

Transfer robotic arm for liquid handling purposes



**1 pcs    6.1462.040    Robotic arm with transfer head for 786 Swing Head, right swinging**

Transfer robotic arm for liquid handling purposes



**1 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.



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**1 pcs**    **6.1608.070**    **Eluent bottle / 2 L / GL 45**



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**1 pcs**    **6.1618.020**    **Thread adapter S 40 to GL 45**  
Adapter for bottles with S40 thread (Merck...) to GL45.



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**1 pcs**    **6.1624.000**    **Adapter SGJ 14 for 6.1619.XXX Adsorber tube**  
Adapter SGJ 14. Part of 6.1619.010 for Dilution Sample Processor.



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**1 pcs**    **6.1805.120**    **FEP tubing / M6 / 100 cm**  
With light and kink protection



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**1 pcs**    **6.1819.110**    **FEP aspiration tubing to canister**

Aspiration tubing to canister attachment with M6 connector. For the production of eluents.



1 pcs	6.1825.280	<b>Transfer tubing PFA, 20 mL</b>	
1 pcs	6.1831.180	<b>PEEK Capillary 0.5 mm i.d., 3 m</b>	
1 pcs	6.2057.210	<b>Holder for Dosino to IC instruments</b> Mounting part for Dosinos at the IC instrument housing.	
1 pcs	6.2064.000	<b>Beaker retainer for Advanced IC Sample Processor</b> Retaining plate for 838 Advanced Sample Processors. For holding 2.5 or 11 mL vials.	
1 pcs	6.2064.010	<b>Beaker retainer for Professional IC Sample Processor, right</b> Retaining plate for Professional IC Sample Processors. For holding 2.5 or 11 mL vials.	
2 pcs	6.2629.000	<b>Screw nut to needle holder IC</b> On Sample Processors	

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**1 pcs**     **6.2744.010**     **Pressure screw 5x**  
With UNF 10/32 connection. For the connection of PEEK capillaries



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**3 pcs**     **6.2744.080**     **M6 thread / UNF 10/32 adapter**  
With M6 outer thread. For IC instruments.



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**2 pcs**     **6.2833.000**     **Needle/tube holder 1/8 in.**  
For IC/VA Sample Processors. For 1/8 in. tubes



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**1 pcs**     **6.2841.130**     **Liquid Handling Station, right**

Combined rinsing and dilution station for sample changers with two towers and Swing Head. For assembly to the left of the tower.



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**2 pcs    6.2846.010    Sample needle made of zirconium oxide with PEEK tip**

Sample needle for Sample Processors and Autosampler in ion chromatography. The PEEK tip guarantees secure piercing of the vial covering.



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**1 pcs    6.3032.150    Dosing Unit 5 mL**

Dosing unit with integrated data chip with 5 mL glass cylinder and light protection, mountable on reagent bottle with ISO/DIN GL45 thread. FEP tubing connection, anti-diffusion buret tip.



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**1 pcs    6.5330.160    IC equipment: MiPCT-ME**

Accessory set for assembling a Dosino for Metrohm intelligent Preconcentration Technique with Matrix Elimination (MiPCT-ME).



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**2 pcs    6.9927.028    Safety shield for IC, right and left**

Safety shield for 815 Robotic USB Sample Processor XL (2T/0P). Is utilized in IC when sample needles are used.



## Optional accessories

Order no.	Description	
<b>2.941.0010</b>	<b>941 Eluent Production Module</b>	
	<p>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.</p>	
<b>6.1010.310</b>	<b>Metrosep C PCC 1 HC/4.0</b>	
	<p>For cation preconcentration and matrix elimination</p>	
<b>6.1050.420</b>	<b>Metrosep C 4 - 150/4.0</b>	
	<p>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.</p>	
<b>6.1050.500</b>	<b>Metrosep C 4 Guard/4.0</b>	
	<p>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 contaminations are reliably retained, allowing the lifetime of the analytical separation column to be prolonged considerably. The economical price is an additional plus. The Metrosep C 4 Guard/4.0 also functions according to the "On Column Guard System" and is screwed directly onto the separation column with nearly no dead volume.</p>	
<b>6.1608.100</b>	<b>PE bottle 50 mL</b>	
	<p>Bottle for Extension Module Liquid Handling.</p>	

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**6.2741.000      Piston seal**

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



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**6.2769.110      EMPTY sensor for level sensor for 2 L bottles**

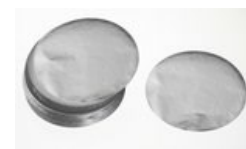
This sensor, mounted in the 6.1626.000 bottle attachment, results in the level sensor EMPTY for 2 L bottles. Included are two sensor rods, one aspiration tubing and two holders for fixing the tubing to one of the sensor rods.



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**6.2820.000      Al foil**

1000 circular sheets of 80 mm diameter. Thickness: 0.010 mm. Used together with 6.2037.030 Foil holder for 6.1432.210 Sample beaker. For 674 KF Sample Changer



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**6.2832.000      MSM Rotor A**

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



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**6.2842.000      MSM-HC Rotor A**

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



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**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.





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**6.2844.000 MSM-LC Rotor A**

Suppressor rotor for use with 2 mm columns.



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**6.5330.090 IC equipment: Additional eluent on the Eluent Production Module**

Accessory set for Eluent Production Module. Contains all parts necessary for expansion by one eluent. The level sensor must be ordered in accordance with the application.



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**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.



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**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.



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**6.9920.191 Sample rack 3 x 60.6 mm and 35 x 41 mm**

Sample rack for trace analysis in IC.



