

"ProfIC Vario 1 Amperometry" – Professional IC Vario system for automated ion chromatography with amperometric detection

ProfIC Vario 1 Amperometry

The Professional IC Vario system with amperometric detection enables fully automatic determination of sugar, oxidizable anions and additional oxidizable and reducible components.

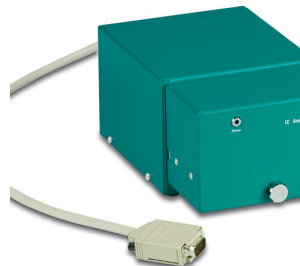


Typical areas of application:

- Universal use for analysis of oxidizable or reducible components
- Routine analysis with large numbers of samples without additional sample preparation
- Sugar analysis with pulsed amperometric detection (PAD)
- Trace analysis of cyanide and sulfide with direct amperometric detection (DC)
- Analysis of additional oxidizable or reducible anions
- Determination of organic components with different potential forms (flexIPAD)

Schematic representation

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 1 Amperometry

Qt.	Order no.	Description
1 PCS	2.850.9110	IC Amperometric Detector
		<p>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.</p> 
1 PCS	2.858.0020	858 Professional Sample Processor – Pump
		<p>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.</p> 
1 PCS	2.940.1100	940 Professional IC Vario ONE
		<p>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.</p> <p>Typical areas of application:</p> <ul style="list-style-type: none"> • 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 

Optional accessories

Order no.	Description	
6.1602.200	Bottle cap 2 x M6, 1 x M8 to 6.1608.120 Bottle cap for eluent bottles made of PP for eluents, post-column derivatization solutions, etc. The PP eluent bottle can withstand gas pressure when this bottle cap is used.	
6.1608.120	PP eluent bottle, 2 L Eluent bottle for applications where glass should be avoided.	
6.1619.000	Adsorber tube for 807 Dosing Unit	
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.



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



6.5000.200

Accessory kit: IC Amperometric Detector

Optional accessory kit for the IC Amperometric Detector for determinations in low-conductivity solutions.



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.



6.5337.000

IC equipment Wall-Jet cell: without electrodes

Equipment comprised of Wall-Jet cell with additional accessories, without electrode.



6.5337.010

IC equipment Wall-Jet cell: Carb (Au, Pd)

Equipment comprised of Wall-Jet cell with additional accessories. For carbohydrate analysis with a gold working electrode and a Pd reference electrode.



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.

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
