



"ProfIC 7 – Anion" – Professional IC System with Inline Dilution and Dialysis

ProfIC 7 - Anion

The professional IC system with conductivity detection enables the fully automatic determination of anions that are present in very high concentrations and in a problematic matrix. Emulsions, samples containing fats and proteins or heavily contaminated waste waters are not always compatible with ion chromatography, even after upstream filtration. That is why "ProfIC 7" is equipped with the Metrohm-patented Inline Dialysis (European Patent 0 820 804, US Patent 5,861,097).

Schematic diagram

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 7 - Anion

Qt.	Order no.	Description
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1 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

2.801.0010

801 Stirrer

Magnetic stirrer without stand for supplementing the Titrino plus, Dosimat plus, Titrandos, Sample Processors, 805 Dosimats and 780/781 pH Meters. With permanently attached cable for MSB (Metrohm Serial Bus).



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

2.858.0020

858 Professional Sample Processor – Pump

The 858 Professional Sample Processor – Pump processes samples from 500 μ L to 500 mL. The sample transfer takes place either with the installed bidirectional two-channel peristaltic pump or with an 800 Dosino.



807 Dosing Unit with integrated data chip with 10 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



Optional accessories

Order no.	Description	
6.1608.080	Bottle / 300 mL Rinsing vessel for IC Sample Processors.	
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.	
6.2714.030	Dialysis membrane (polyamide) For inline dialysis and filtration	

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



6.5333.000 IQ/OQ Kit for IC

The IQ/OQ Kit contains all parts and standard solutions required for IQ /OQ in ion chromatography.

