



"ProfIC 1 – AnCat" – Professional IC System for automated ion chromatography

ProfIC 1 - AnCat

The very compact Professional IC system with conductivity detection enables the fully automatic determination of anions and cations. With "ProfIC 1 – AnCat", anions and cations can be determined not only in parallel but also in time-saving fashion completely independently of one another. Both of the systems integrated in "ProfIC 1 – AnCat" use the same 858 Professional Sample Processor with pump that is subjected to intelligent management by the MagIC Net™ software.

Schematic diagram

ProfIC 1 - AnCat

Qt.

Order no.

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.



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.



Order no.**6.1050.420 Metrosep C 4 - 150/4.0**

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.

**6.1050.500 Metrosep C 4 Guard/4.0**

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 contamination are reliably retained, considerably prolonging the service life of the analytical separation column. The economical price is an additional plus. The Metrosep C 4 Guard/4.0 also works based on the "On Column Guard System" and is screwed directly onto the separation column with virtually no dead volume.

**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.



Sample rack with small diameter for 54 x 11 mL sample vessels in two rows and additionally 1 x 300 mL bottle.



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.



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.



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.

