



Metrosep A Supp 21 Guard/4.0

6.01036.500

The Metrosep A Supp 21 Guard/4.0 reliably protects the analytic Metrosep A Supp 21 IC Columns against contamination from the sample or eluent. It contains the same stationary phase as the Metrosep A Supp 21 IC Columns, which is packed in a PEEK guard column housing. As it is screwed directly onto the respective separation column, practically no dead volume is created ("On Column Guard System"). The guard column prolongs the service life of the analytical column, without influencing chromatographic separating efficiency.

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 6.01036.500

Qt.	Order no.	Description
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1 PCS

6.2744.060

Threaded stopper

For UNF 10/32. Stopper for IC, e.g. for the sealing of columns.



Optional accessories

Order no.	Description	
6.01036.420	Metrosep A Supp 21 - 150/4.0	
	The Metrosep A Supp 21 columns are designed for operation with hydroxide-based eluents and provide excellent separating efficiency, coupled with a very high capacity. The small particles (4.6 µm) based on hydrophilized polystyrene/divinylbenzene guarantee sharp peaks. The stationary phase exhibits high stability with respect to temperature, pressure, and pH value, and is therefore suitable for extreme working conditions. The shorter version, Metrosep A Supp 21 - 150/4.0, is suitable for the determination of standard anions (fluoride, chloride, nitrite, bromide, nitrate, sulfate and phosphate) in all types of water samples at room temperature. With its separating efficiency, it exceeds the requirements of the US EPA method 300.1 A and of the DIN EN ISO 10304-1 standard. The high capacity of the column enables the quantification of anions in low µg/L concentrations with excellent reproducibility, even in the most challenging sample matrices.	
6.01036.430	Metrosep A Supp 21 - 250/4.0	
	The Metrosep A Supp 21 columns are designed for operation with hydroxide-based eluents and provide excellent separating efficiency, coupled with a very high capacity. The small particles (4.6 µm) based on hydrophilized polystyrene/divinylbenzene guarantee sharp peaks. The stationary phase exhibits high stability with respect to temperature, pressure, and pH value, and is therefore suitable for extreme working conditions. The longer Metrosep A Supp 21 - 250/4.0 column version was specially developed for the determination of oxohalides (chlorite, bromate, chlorate), standard anions (fluoride, chloride, nitrite, bromide, nitrate, sulfate, and phosphate), und DCAA (dichloracetate). With its separating efficiency, it exceeds the requirements of the US EPA method 300.1 A+B and of the DIN EN ISO 10304-1&4 standard. The high column capacity enables the quantification of anions and oxohalides in low µg/L concentrations with excellent reproducibility, even in the most challenging sample matrices. With the wide range of elution conditions available, it is also possible to determine other anionic components, e.g. low-molecular-weight organic acids.	