

New

Anion Exchange HPLC Column Line

A Complete Solution for Anion Analysis

Discover the advantages of the new Anion column family!

- ▶ Analysis of common anions in aqueous solutions
- ▶ High resolution separations
- ▶ Outstanding robustness and lifetime
- ▶ Rigid polymer support for pressure stability up to 350 bar
- ▶ Can be used with 0-100% organics and at pH 1-13
- ▶ Optimized for a variety of applications
- ▶ Compatible with a variety of mobile phases
- ▶ Compatible with any Ion Chromatograph or HPLC system
- ▶ PEEK hardware for metal-free analysis



HAMILTON 

Special Features and Applications

The new Anion column line from Hamilton is designed to meet the special requirements of anion analysis. The unique design of the highly cross-linked porous packing material and the strong covalent bonded surface chemistry ensure excellent durability and high separation efficiency over the entire column lifetime even under harsh conditions. The columns are designed to be used with carbonate-bicarbonate buffer in any concentration or with hydroxide gradient, and many other mobile phases.

New

Anion Resolution HAMILTON

- ▶ High resolution column with high separation efficiency
- ▶ High sample loading capacity
- ▶ Analyze low and high ion concentrations in a single run

Anion Fast HAMILTON

- ▶ For fast separation of all common anions under 15 minutes
- ▶ Well-balanced ratio between good resolution and short analysis time
- ▶ For medium and low sample concentrations from 1 to 500 ppm

Anion Micro HAMILTON

- ▶ High resolution of common anions
- ▶ Ideal for separating/isolating limited sample amounts
- ▶ Can be used with micro pumps at low flow rate in $\mu\text{L}/\text{min}$ -range

Anion Trace HAMILTON

- ▶ Separation of common anions and oxihalides
- ▶ Improved signal-to-noise for analysis of very low concentrations in ppb range
- ▶ Improved peak shape and shorter retention times for late eluting anions

Ordering Information

Column	Application	Dimensions & Particle Size	Product Number
Anion Resolution PRP-X100	High resolution High concentrations	4.6 x 250 mm, 7 μm	79668
Anion Fast PRP-X100	Fast analysis	4.6 x 100 mm, 5 μm	79669
Anion Micro PRP-X100	Low sample abundance Reduced eluent consumption	2.1 x 250 mm, 5 μm	79670
Anion Trace PRP-X110	Low concentrations Weakly ionized species	4.6 x 250 mm, 7 μm	79671

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