

Application Specific Columns

InertSphere™ Sugar-1

Physical Properties

- **Silica** : Styrene Divinylbenzene copolymerization
- **Particle size** : 5 µm
- **Exchange capacity** : 0.7 meq/g
- **Organic solvent resist** : 0 ~ 100 % (Methanol only)
- **Bonded Phase** : Quaternary Alkylamine
- **pH Range** : 2~14

InertSphere Sugar-1 is a suitable anion-exchange column for sugar analysis. It is packed quaternary ammonium group binding polymer. High sensitivity sugar analysis is available using an electrochemical detector ED723. Especially InertSphere Sugar-1 is suitable for Monosaccharide and Disaccharide analysis.

Note ; Solvent Bottle with CO₂ Trap Cartridge is necessary for analysis to avoid dissolving carbonate ion in the solvent. The Solvent Bottle CO₂ Trap Cartridge contains hazardous material which requires special freight handling. Additional charges apply.

Analytical Columns

Particle Size: 5µm	Length(mm)	I.D.(mm)	Cat.No.
	150	4.6	5020-11001

* End-fittings are 1/16" Waters-compatible.

* For maximum operating pressure information, please refer to page 46.

Cartridge Guard Column E

I.D. of the Analytical Column Applicable (mm)	Length (mm)	I.D. (mm)	Replacement Cartridge E Guard Column (2 EA.)	Cartridge E Holder / Cartridge Set (2 Cartridge E Guard Columns & 1 Holder)
			Cat.No.	Cat.No.
4.6	10	4.0	5020-19048	5020-19098

* End-fittings are 1/16" Waters-compatible.

* For maximum operating pressure information, please refer to page 46.

