

PARTISPHERE® CARTRIDGE SYSTEM

- Void-sealing cartridge system
- Convenient and easy to use
- Hand tightened fittings

PartiSphere® silica is manufactured by Hichrom Ltd. The material is only readily available in the PartiSphere cartridge system.

PartiSphere Phases	Functional Group	Particle shape	Particle Size (µm)	Pore Size (Å)	Surface Area (m ² /g)	Carbon Load (%)
C8	Octyl	Spherical	5	120	160	6
C18	Octadecyl	Spherical	5	120	160	11
SAX	Quaternary Ammonium	Spherical	5	120	160	-
SCX	Benezenesulphonic Acid	Spherical	5	120	160	-

Further PartiSphere® materials are available.

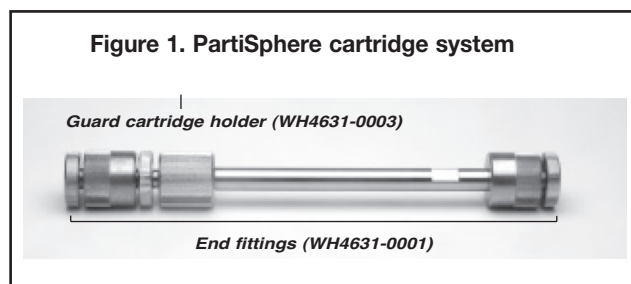
Void-sealing cartridge system

The system is characterized by a void-sealing mechanism. If a void eventually occurs at the top of the column bed, a simple tightening of the locking head will move the cone-sealing cylinder and frit downwards until it creates the zero-void configuration of the original cartridge.

Large knurled end fittings allow ready hand-tightening of the system.

PartiSphere guard cartridge system

Additional installation of the guard cartridge holder (WH4631-0003) allows use of guard cartridges (Figure 1).



Ordering Information - Cartridges

Analytical cartridges

PartiSphere Phase	Catalogue No.
125 x 4.6mm replacement cartridge (1/pk)	
C8	WH4621-0503
C18	WH4621-0502
SAX	WH4621-0505
SCX	WH4621-0507
250 x 4.6mm replacement cartridge (1/pk)	
C18	WH4621-1502
SAX	WH4621-1505
SCX	WH4621-1507
Accessories	
Spare end fitting	WH4631-1001

Guard cartridges

PartiSphere Phase	Catalogue No.
Replacement guard cartridges (5/pk)	
Reversed-phase	WH4641-0002
Anion exchange	WH4641-0005
Cation exchange	WH4641-0007
Accessories for guard cartridges	
Guard Cartridge Holder (1/pk)	WH4631-1003