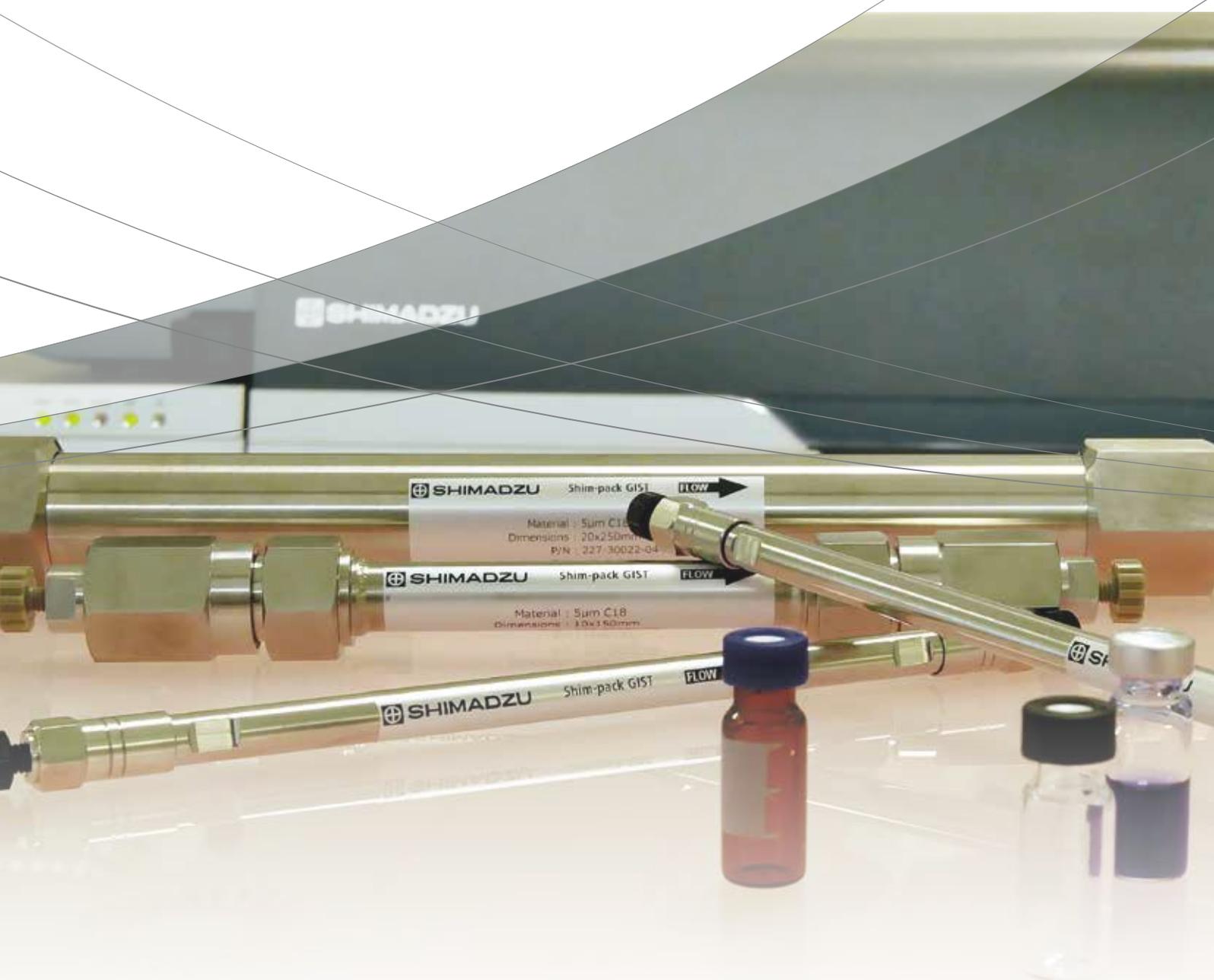


# The Smart Choice in LC Consumables



## Shim-pack HPLC Columns

Shimadzu offers a broad range of columns, suitable for every LC/LCMS-system. Different stationary phases are available in a variety of dimensions, enabling seamless scalability between preparative, HPLC and UHPLC applications.

### Our Shim-pack column line-up:

- **Shim-pack Velox** state-of-the-art core-shell columns for highest efficiency
- **Shim-pack Scepter** modern hybrid silica columns providing highest robustness for LC/LCMS and UHPLC
- **Shim-pack G\* series** GIST / GISS / GIS / GWS are reliable columns for every-day routine in LC/LCMS, UHPLC and preparative LC
- **Dedicated Columns** for multiple purposes like GPC, SFC, IC, sugar-analysis ... or inert/metal-free columns for sensitive bio-analysis



## Genuine Spares and Accessories

Shimadzu approved quality – sealings, lamps, rotors ... and further parts from the original instrument manufacturer help you to ensure the best function of your instrument.



## Fittings

Nexlock finger-tight fittings facilitate effortless HPLC seals, with no tools required, up to 1300 bar. They are reusable up to 100 times and ensure zero dead volume every time. Shimadzu also offers Titanium-PEEK hybrid ferrules, which combine the durability of Titanium and the sealing ability of PEEK. They can also be installed repeatedly, without compromising the high-pressure seal.

## Solvent Filter and Ghost Trap

Shimadzu offers a comprehensive selection of high-end and standard stainless steel solvent filters and Gohst Traps. The high-quality filters and Gost Traps are suitable for many different LC instruments and applications and will optimize your HPLC/UHPLC results by removing any trace of particles from the solvent.



# Shimadzu Consumables for LC/LCMS Analytics

The One-Stop-Supplier for all Your Needs

## LC Guard Columns

To protect the analytical column of a HPLC system, guard columns are installed between the injector and the main column. Guard columns are often used as a cost-efficient solution to extend the life of HPLC columns, and are typically replaced several times during the lifetime of the HPLC columns.



## LC Vials and Caps

Shimadzu offers a broad range of vials and caps for LC/LCMS applications. You can either assemble your set of vials and caps according to your demands or choose from preassembled kits. The portfolio covers vials for all needs, ... from certified LCMS vials, via standard vials to special low-adsorption vials for sensitive samples.



## Solvent Bottles and Caps

Save solvent handling is essential in a lab. Therefore, Shimadzu provides several bottles and different caps for solvent handling. You can choose single items or different kits.



Find our full portfolio of columns and accessories  
[www.shimadzu.eu/columns-and-consumables](http://www.shimadzu.eu/columns-and-consumables)



Find all products 24/7 in our Webshop  
[www.shimadzu.eu/Shimadzu-goes-webshop](http://www.shimadzu.eu/Shimadzu-goes-webshop)

# Our TOP recommendations of LC/LC-MS products

## LC-Columns

Phase	Particle Size (µm)	Length (mm)	Inner diameter (mm)	P/N
Classical C18 columns				
Shim-pack GIST C18	5	250	4.6	227-30017-08
Shim-pack GIST C18	5	150	4.6	227-30017-07
Column for polar analyts and highly aqueous mobile phases				
Shim-pack GIST C18-AQ	5	250	4.6	227-30742-08
Columns for MS applications				
Shim-pack GISS-HP C18	3	100	2.1	227-30084-02
Shim-pack GIST-HP C18	3	100	2.1	227-30039-04
Shim-pack GIST-C18 (for UHPLC)	2	100	2.1	227-30001-04
Shim-pack Scepter - robust hybrid phase for demanding analyses				
Shim-pack Scepter C18	3	100	2.1	227-31014-05
Shim-pack Scepter C18 (for UHPLC)	1.9	100	2.1	227-31012-05
Shim-pack Scepter PFPP	3	100	2.1	227-31055-05
Shim-pack Velox - for highest efficiency based on core-shell technology				
Shim-pack Velox C18	2.7	100	2.1	227-32009-03
Shim-pack Velox Biphenyl	2.7	100	2.1	227-32015-03



## LC-Accessories

Description	Content (pcs.)	P/N
LC-Column-Fittings		
UHPLC Fitting 2 S	1	228-56867-41
EXP Hand-Tight Fitting with Ferrule	1	980-20506
EXP Hand-Tight Fitting with Ferrule	10	980-16819
Mobile-Phase Cleaner		
Ghost Trap DS-HP (30 x 2.1 mm)	1	228-59931-91



## Vials

Description	Volume (ml)	Cap	Septum	Content (pcs.)	P/N
Recommended Routine Vials					
Vial Kit for LC/LC-MS, certified	1.5	plastic, black centre hole	Silicone /PTFE UltraClean	100	227-34001-01
Torast-H Vial Kit, low adsorption, certified	1.5	plastic, black	Silicone/PTFE	100	370-04300-01
Screw Vial Kit, clear glass	1.5	plastic, red centre hole	Silicone /PTFE UltraClean	100	961-10010-06
Micro Insert, clear glass (for 1.5 ml vials)	0.1	/.	/.	100	961-10020-27
Screw Vial Kit, clear glass	4.0	plastic, black	Silicone/PTFE	100	961-10010-05
Snap Vials for easy handling					
Snap Vial, clear glass	1.5	/.	/.	100	961-10020-32
Snap Cap		PE, red	Silicone /PTFE UltraClean	100	961-10030-26
Special Vials					
Screw Micro-Vial, clear plastic	0.3	/.	/.	100	961-10020-15
Screw Vial, clear plastic	1.5	/.	/.	100	961-10020-16
Screw Cap		plastic, red	Silicone /PTFE UltraClean	100	961-10030-23



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