

SPE-Columns made of Glass

Unfilled and available in different sizes

In analytical laboratories, samples are commonly cleaned via SPE columns in order to obtain clean solutions for subsequent analysis or to concentrate the analyte.

A multitude of available SPE columns are made of plastic. This type of column cannot be used for many applications, because of interactions with the analyte or release of impurities from the synthetic material.

For this reason, LCTech offers glass columns for these applications and also supplies the appurtenant inert accessories, such as stainless steel needles, glass fiber filters and caps.



Available column formats:

- ✓ 3 mL with Luer tip
- ✓ 6 mL with Luer tip
- ✓ 105 mm long, 17 mm diameter, special tip, Luer adapter available

The LCTech glass columns can be automatically processed in the FREESTYLE SPE system in combination with the inert accessories. Subsequent evaporation or blowing off with nitrogen is possible directly within the system using the EVaporation module.

More information about the fully automated FREESTYLE sample preparation system can be found at ► www.FREESTYLE-Robotic.com. This system is also suitable for Gel Permeation Chromatography.

Further accessories, for example column adapter and filling tools are also available from LCTech (please see order information on the reverse side).

- ✓ Automation possible
- ✓ Inert materials
- ✓ Accessories available, e.g. adapters, caps, needles, glass fiber filters, filling tools

3 mL glass column



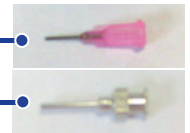
6 mL glass column

Columns for large volumes: 105 mm long, 17 mm diameter

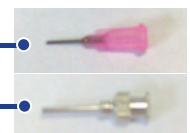
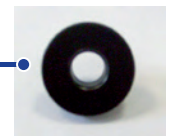


Ordering Information

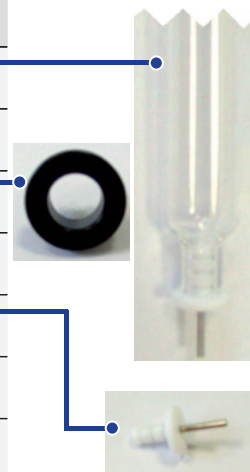
3 mL LCTech Glass Column	Part no.
3 mL LCTech glass column, empty 50 columns/package, Borosilicate glass, incl. Luer tip	13543
Column Adapter, for 3 mL LCTech glass column 10 columns/package, necessary for handling in FREESTYLE	12334
Cap, for 3 mL LCTech glass column 100 pieces/package	13491
Glass fiber filter, for 3 mL LCTech glass column 100 pieces/packages, 9 mm diameter	13537
Injection needle, for 3 mL LCTech glass column for injection into EVaporation chamber, 1000 pieces/package	13544
Reusable injection needle, stainless steel, for 3 mL glass column transfer from SPE column to EVaporation chamber, 12 pieces/ package	13382
Filling tool, for 3 mL LCTech glass column 9 mm diameter	13539



6 mL LCTech Glass Column	Part no.
6 mL LCTech glass column, empty 50 columns/package, Borosilicate glass, incl. Luer tip	13542
Column Adapter, for 6 mL LCTech glass column 10 pieces/package, necessary for handling in FREESTYLE	13547
Cap, for 6 mL LCTech glass column 100 pieces/package	11629
Glass fiber filter, for 6 mL LCTech glass column 100 pieces/package, 13 mm diameter	13536
Injection needle, for 6 mL LCTech glass column for injection into EVaporation chamber, 1000 pieces/package	13544
Reusable injection needle, stainless steel, for 6 mL glass column transfer from SPE column to EVaporation chamber, 12 pieces/package	13382
Filling tool, for 6 mL LCTech glass column 13 mm diameter	13538



Glass column with especially large dimension	Part no.
Glass column, 105 mm long, 17 mm diameter, empty 100 columns/package, Borosilicate glass	10374
Glass column, 180 mm long, 17 mm diameter, empty 110 columns/package, Borosilicate glass, not usable with FREESTYLE	11156
Column Adapter, for 105 mm long LCTech glass columns 10 pieces/package, necessary for handling in FREESTYLE	12337
Glass fiber filter, for 105 mm long LCTech glass column 100 pieces/package, stable up to 200° C	10230
Column outlet with tip, reusable 10 pieces/package, for transfer from column to EVaporation chamber	13460
Adapter, for 105 mm long LCTech glass columns 10 pieces/package, from column to Luer connection	11043
Filling tool, for 6 mL LCTech glass columns 14 mm diameter	14164



Elufix Ready-to-use glass column	Part no.
for H53 method, 105 mm long, 17 mm diameter filled with 2g Florisil, 2g sodium sulfate, Borosilicate glass 50 columns/package	9370

Also available with other filling quantities!



For further information about our products please feel free to contact us by phone or e-mail.



The company LCTech GmbH is certified according to ISO 9001:2008

