

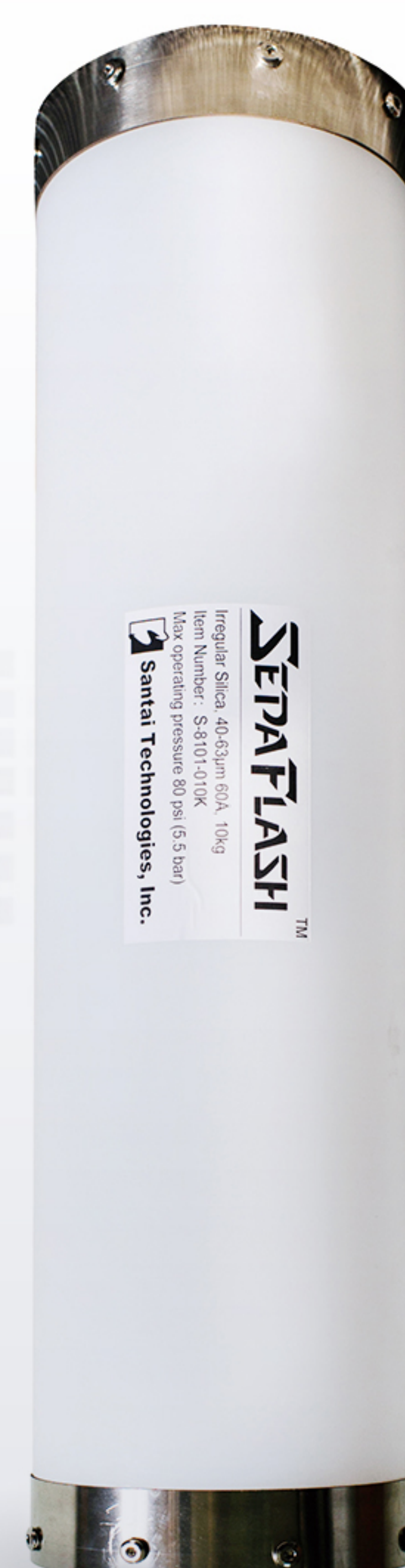
# Large size 3kg, 5kg and 10kg SepaFlash™ columns working perfectly with SepaBean™ machine L



S-5101-3000



S-5101-5000



S-5101-010K

These large-size flash columns including 3kg, 5kg and 10kg have the same reliability and reproducibility as the SepaFlash™ series. With the patented design, the maximum pressure limit for these large size columns can reach 100 psi (6.9 bar). 3kg and 5kg flash columns have standard luer-lok connection, compatible with all the major flash chromatography systems on the market, while 10kg flash columns has various sized fittings to suit different needs.

Compared with the high cost of traditional preparative HPLC, these large-size flash columns can simply and quickly separate and purify the reaction mixture or natural products in the sale from hundreds of grams up to 1 kilogram under low to medium operating pressure.

It is a simple, economical and effective purification method, which can greatly shorten the time to separate a single high-purity compound from the synthesis reaction mixture, thereby liberating the synthesis chemist from the tedious and repetitive separation and purification process, and speeding up the new drug research and development as well as shortening the time to market for new drugs.



# Highlights

- 1 Reliable, consistent performance from proprietary packing technique
- 2 Reinforced cartridge body with maximum operating pressure up to 100psi
- 3 Luer-Lok end fittings compatible with any major flash systems in the market
- 4 Able to meet the process scale-up requirements from small-scale to pilot-scale
- 5 Pre-packed flash columns enable faster purification runs to save time and solvents
- 6 Disposable plastic column body enable easy and safe waste handling

Ultra-pure irregular silica, 40–63µm, 60 Å(NEW Product)  
(surface area 500 m²/g, pH 6.5–7.5, loading capacity 0.1–10%)

Item Number	Column Size	Sample Size	Units/ Box	Flow Rate (mL/min)	Cartridge Length (cm)	Cartridge ID (mm)	Max. Pressure (psi/bar)
S-5101-3000	3 kg	3.0–300g	1	200–500	509.5	127.5	100/6.9
S-5101-5000	5 kg	5g–500g	1	200–500	770	127.5	100/6.9
S-5101-010K	10 kg	10g–1kg	1	300–1000	850	172.5	100/6.9

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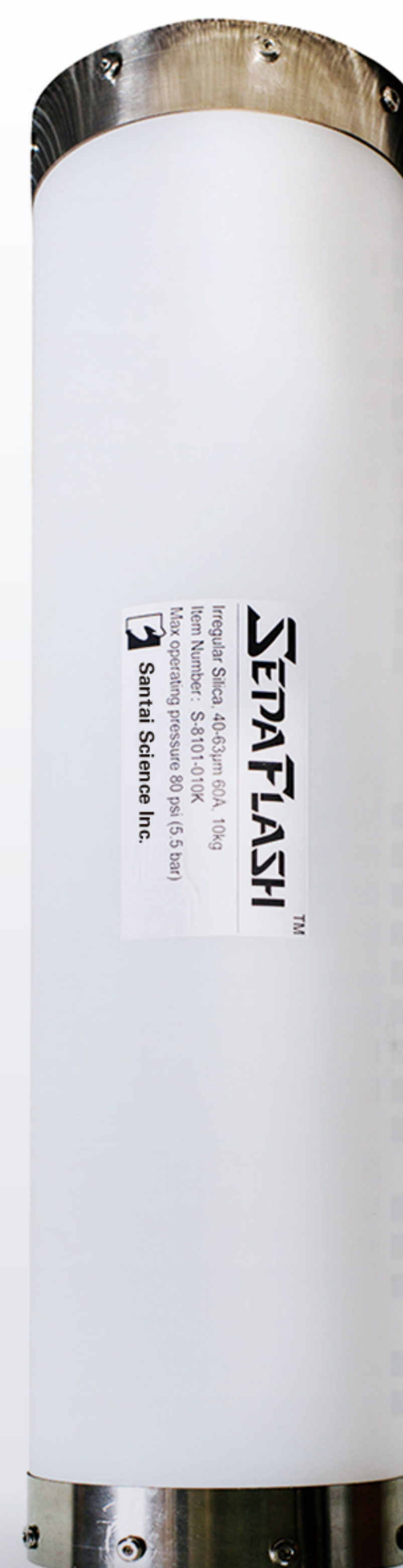


Santai Science Inc.

# Santai Adaptor Kit for 10 kg Flash Columns



Santai Science has recently launched its largest Flash column, which is pre-packed with 10 kg silica. Loading up to 1 kg of the sample to the column in just one injection is now available with this large Flash column. To connect the Flash column with most commonly used large flow rate Flash chromatography systems available on the market, there are several adaptors for different tubings with various outer diameter (OD), including 1/2-inch, 3/8-inch, 3/16-inch and 1/8-inch.



With these adaptors, the large Flash column can be connected to any large flow rate Flash chromatography systems available on the market, where tubings with different OD are used.



When connecting with 1/2–inch OD tubing:



When connecting with 3/8–inch OD tubing:



When connecting with 3/16–inch OD tubing:



When connecting with 1/8 inch–OD tubing:



\* Please be noted that the adaptor for the inlet and outlet of the 10 kg Flash column are the same so only the inlet adaptor is shown in the pictures.

## Ordering Information

Item No.	Description
BLL–NPT635–127	10kg cartridge adaptor for 1/2–inch OD tubing
BLL–NPT635–095	10kg cartridge adaptor for 3/8–inch OD tubing
BLL–NPT635–048	10kg cartridge adaptor for 3/16–inch OD tubing
BLL–NPT635–032	10kg cartridge adaptor for 1/8–inch OD tubing

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