



# World Novelty: Packed High Performance Flash Cartridges in Seconds!

**Your Benefits:**

1. Faster Chromatographic Separations
2. Better Performance
3. Visibility during Separation
4. High Resistant Cartridges
5. Reduction of the Costs up to 50%



## The Innovative Solution for your Lab - and - your Budget!

Pack disposable cartridges with a Büchi Cartridge™ C-670. The method is really very simple: Connect the Cartridge™ to a vacuum and a pressurized air/gas supply, pack your cartridge and start separation in less than 1 minute! Use any of your current chromatography gels with preparative particle sizes between 30 – 200 µm. Büchi Cartridges are available in 4 different sizes for loading samples amounts of 1 mg to 5 g. With pressure resistance up to 10 bar (150 psi) you can speed up preparative chromatography just by increasing the flowrate.

# Convincing Solutions – Fast and Reliable Separations!

## The Cartridges for the new BÜCHI Cartridge™ C-670

- 1. Quality:** highly homogenous cartridges for reproducible separations. No quality risks from shipment, storage or ageing
- 2. Safety:** pressure range up to 10 bar (150 psi) for true flash separations
- 3. Flexibility:** for all stationary phases with preparative particle sizes from 30 – 200 µm
- 4. Value for money:** higher performance at lower costs – save up to 50%!



### BÜCHI Cartridge™ C-670

<b>cartridge size</b>	all Cartridges C-675
<b>power consumption</b>	none
<b>main voltage</b>	none
<b>requirements</b>	oil free pressurised gas/air (~1 bar (15 psi), flow: ~200 l/h) vacuum source: vacuum flow $\geq 1 \text{ m}^3/\text{h}$ vacuum $\leq 20 \text{ mbar}$ (15 mm Hg)
<b>hose connections</b>	ID 6 mm for pressurised gas/air and vacuum
<b>dimensions (w/h/d)</b>	220 x 315 x 450 mm
<b>weight empty</b>	7.5 kg
<b>order code</b>	44500

### Cartridge Adapter Set

12 mm Cartridge Adapter set for fast installation of 12 mm cartridges C-675 to a Chromatography System incl. 2x 1,5 m FEP tubings, 5x 1/4 UNF-28 fittings D1/8, 10x ferrules D:1/8.

**order code** 44814

40 mm Cartridge connector set for fast installation of 40 mm cartridges C-675 to a Chromatography System incl. 2x 1,5 m FEP tubings, 5x 1/4 UNF-28 fittings D1/8, 10x ferrules D:1/8.

**order code** 44815

### Adapter Büchi-Biotage

Enables the easy integration of the Büchi Cartridge Adapter Set 44814 or 44815 into existing Biotage Flash Systems.

**order code** 44027



### BÜCHI Cartridge System C-675

High transparent, chemical resistant polypropylene cartridges including porous HD-polyethylene frits for packing with the Büchi Cartridge™ C-670

<b>cartridge inner diameter (ID)</b>	12 mm	12 mm	40 mm	40 mm
<b>cartridge length</b>	75 mm	150 mm	75 mm	150 mm
<b>used for sample range</b>	up to 200 mg	up to 400 mg	up to 1 g	up to 5 g
<b>resulting packing weight with Si60 (40-63 µm)</b>	4 g	8 g	40 g	90 g
	50 cartridges incl. frits	50 cartridges incl. frits	50 cartridges incl. frits	50 cartridges incl. frits
<b>order code</b>	44880	44881	44882	44883

### Optional Accessories

If a vacuum source and an air maintenance unit are not already present in your laboratory, Büchi recommends:

### BÜCHI Vacuum Pump V-500

<b>vacuum flow</b>	1.9 m³/h
<b>end vacuum</b>	10 mbar (8 mm Hg)
<b>operating temperature</b>	5 – 40 °C
<b>dimensions (w/h/d)</b>	150 x 236 x 294 mm
<b>weight</b>	8 kg
<b>order code 230V</b>	37340 (50 Hz), 38404 (60 Hz)
<b>120V / 100V</b>	37339 (50/60 Hz) / 38050 (50/60 Hz)

### Air Maintenance Unit

Compressed air maintenance unit. Unit to free compressed air from oil, excess water and organic contaminants.

**order code** 04366