

# Process Scale Columns and Systems by Peak Biotech A/S

Grace is a global distributor of Peak Biotech A/S columns and systems. This partnership with Peak extends Grace's column line to provide customers a completely scalable solution, from pre-packed prep columns to bulk chromatography adsorbents and process scale columns and systems. The coordination between bulk media and process column manufacturer reduces scale-up risk. Peak's products are of the highest quality, and are trusted throughout the pharmaceutical and biotech industry.

## Dynamic Axial Compression Columns: 50–1000mm i.d.

### Features:

- Easy packing and unpacking
- Uniform distribution system
- Removable frit design for easy cleaning or replacement
- High performance and reproducibility
- Leak detection system
- No sealing adjustment needed
- Scalable
- Mobile construction up to 300mm
- Ergonomic working positions



### Column Specifications:

<b>Diameters:</b>	From 50–1000mm
<b>Pressure Rated:</b>	To 100 bar
<b>Sealing Materials:</b>	PTFE and PEEK
<b>Material of Construction:</b>	1.4404, 1.4435, SS316L, SAF2205
<b>Construction Code:</b>	PED or ASME

## High-Pressure Chromatography Systems

### Features:

- Gradient performance with high accuracy
- Fully automated, CFR Part 11 and GAMP 4 compliant
- Mobile construction
- Complete unit, tested and documented
- Compact and reliable
- Flexible control
- Easy maintenance
- Sanitary design



### System Specifications:

<b>Flow Rates:</b>	6–5000L/h for medium pressure
<b>Flow Rates:</b>	6–1000L/h for high pressure
<b>Pressure Rating:</b>	0–20 bar and 0–80 bar
<b>Gradient Loop:</b>	Feedback for NIR, mass or conductivity
<b>Inlets:</b>	4 buffer inlets, 1 product and 5 fractions
<b>Sealing Material:</b>	PTFE
<b>Material of Construction:</b>	1.4404, 1.4435, SS316L

## Software Control

### Features:

- Based on Siemens™ PCS 7
- Fully automated
- CFR Part 11 compliant
- GAMP 4 compliant
- Programmed according to S88 standard
- Fully tested and validated
- Flexible control



## ordering information

Contact your Grace sales representative or customer service to review the column and system options and custom build your Peak Biotech system.

## related products

Also available from Peak Biotech:

- Slurry Handling Equipment
- Ultra-sonic Baths
- Buffer Systems
- Tanks
- Flanged Columns / mech. compress columns
- Low and medium pressure columns
- Low and medium pressure systems