

HIGH YIELD and PURITY

RADIAL FLOW CHROMATOGRAPHIC TECHNOLOGY

Overview



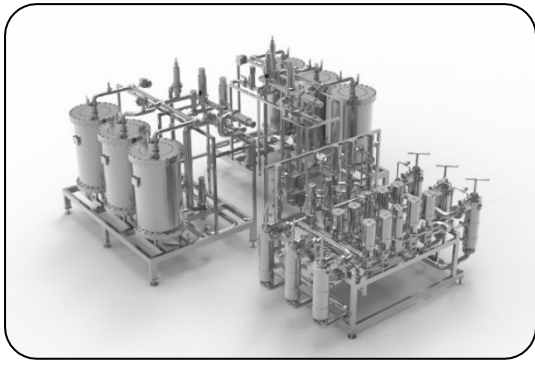
Contact us:
sales.fittings@handtmann.de

Radial flow columns manufactured by Handtmann incorporate a state of the art design suitable for large volumes and high flow rates. The RF column screens can be securely retain any specification exchange resin or other adsorber material. The columns are easy to pack and unpack.

Albert Handtmann Armaturenfabrik GmbH & Co. KG

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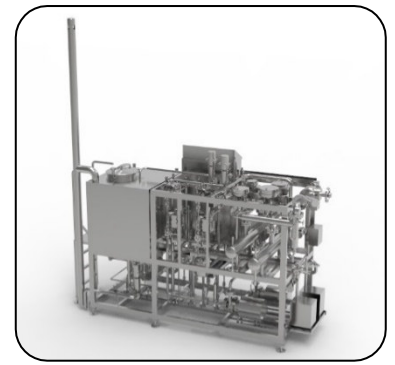




2X3 RFC-adsorber unit with valve block bagfilter



Eluate valve block with tanks



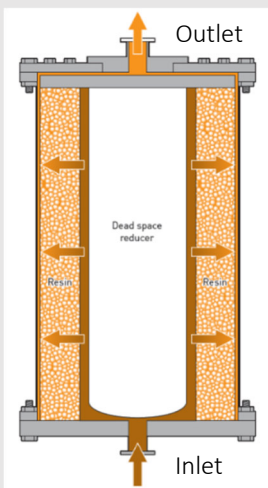
Small footprint CIP-unit

From 2 liter up to 260 liter resin content

Description of the Radial Flow Column

Properties of the Column:

- Temperature resistant up to 100°C
- Pressure up to 6 bar
- High Flow rates, and still low differential pressure over the bed
- Fully automated operation
- Cleaning procedure can be customized
- Net volume: 21l-260l resin content
- Small footprint



The Handtmann RFC can be used as a single module set-up or with two more modules, either in parallel or in alternating usage.

The size and volume of the RFC can be produced tailor-made. Further customization in regard of mesh size and bed heights can be incorporated depending on adsorber material.

Construction material:
All stainless steel 316 l, 304



Packing station for easy pack and unpack



Applications are found in the food industry, functional food additive production, dairy applications, large volume ion exchange processes or catalytic conversions.

Handtmann as a fifth generation stainless steel fitting and plant factory is able to engineer and manufacture your suitable plant including cleaning in place units (CIP), automation, integration and start up of the system.

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