

# PROCESS-SCALE CHROMATOGRAPHY

## Media Slurry Tank

- Low shear stress on media
- Complete documentation for regulatory submissions
- Customized version upon demand

### Optimize Column Operation and Handling of Media

The VERDOT Ips<sup>2</sup> media slurry tank is a stand-alone accessory. It can be used with VERDOT Ips<sup>2</sup> EasyPack™ columns combined with a transfer pump, and it can be used with VERDOT Ips<sup>2</sup> InPlace™ columns combined with a VERDOT Ips<sup>2</sup> media transfer device or Packing Station. The tank is available in 100, 300, 500, or 900L sizes; each has one access lid, one top inlet with clamp connection, and one lower outlet with clamp connection. The tank bottom is sloped for optimized drainability.

The tank uses an agitator with a double propeller to ensure that media are mixed properly and a rotating spray ball for cleaning in place. The tank is designed for use at atmospheric pressure. Material certificates, welding certification, surface finish report, pickling and passivation report, and instruction manual are included.

The VERDOT Ips<sup>2</sup> media slurry tank fulfills several functions:

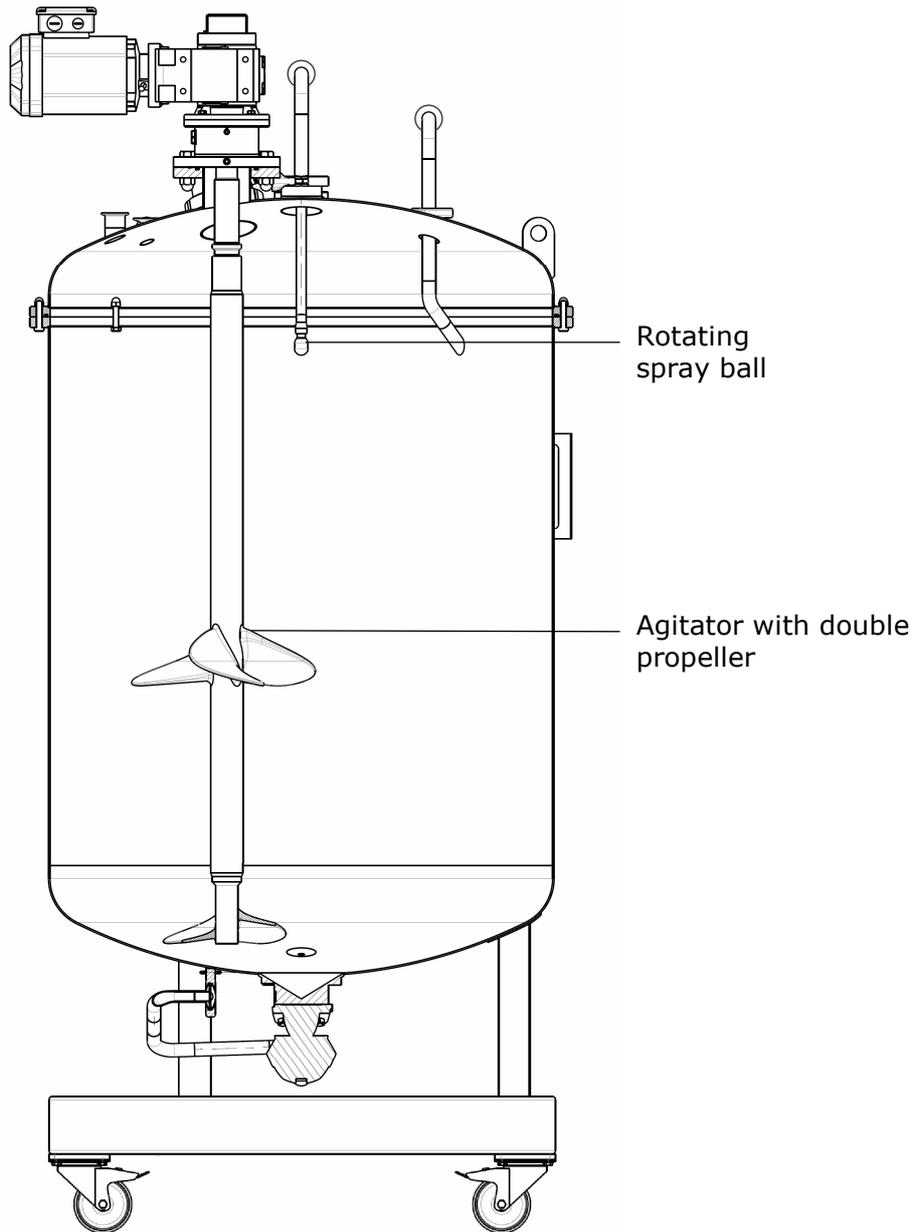
- Resuspends slurry even after complete settlement of the media
- Maintains slurry in suspension during transfer of media to the column
- Rinses interior after media transfer to ensure complete removal of the media
- Cleans and chemically sanitizes tank using spray ball
- Receives resin and rinsing buffer from column during unpacking

The VERDOT Ips<sup>2</sup> media slurry tank is also suitable for use with other manufacturers' columns.

### Specifications

Tank operating pressure	Atmospheric (<0.5 bar)	
Wetted material		
Parts	Stainless steel 316L	
Seals	EPDM (21 CFR 177.2600)	
Spray ball bushing	PTFE (21 CFR 177.1550)	
Surface finish	Ra≤0.8 μm, mechanically polished; other surface finishes available as options	
Integrated components		
Agitator	Double propeller, 255 r/min maximum	Agitec or equivalent
High level sensor	Vibrating fork	Endress+Hauser or equivalent
Spray ball		Alfa Laval or equivalent
Working pressure	1–3 bar	
Flow rate	80 LPM maximum	
Variable frequency drive	MICROMASTER 420 or equivalent	Siemens or equivalent





## Ordering Information

Catalog #	Description
7392400	<b>Media Slurry Tank, 100 L</b>
7392401	<b>Media Slurry Tank, 300 L</b>
7392402	<b>Media Slurry Tank, 500 L</b>
7392403	<b>Media Slurry Tank, 900 L</b>

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