

Media Slurry Tank for Process-Scale Chromatography

Terracon's media slurry tank for process-scale chromatography offers you a proven, reliable solution designed and customized to your requirements in 4 to 6 weeks!

Our plastic cylindrical cone bottom media slurry tank is designed for optimal mixing of the media with a vertically aligned agitator, baffles promoting desired turbulence for quality mixing and rotating spray balls for clean in place (CIP). Eliminate pitting and corrosion that occurs with stainless steel slurry vessels.

Benefits of Terracon's Media Slurry Tank:

- **Purity** – eliminate compromised filtration due to pitted stainless steel tanks
- **Price** – avoid the costs of pricey stainless steel resin slurry vessels
- **Productivity** – custom media slurry tanks from Terracon available in 4-6 weeks versus ~20 weeks for stainless steel.
- **Performance** – Terracon's custom media slurry tanks are proven to perform for ultrapure media designed for peak mixing performance due to cylindrical cone bottom tank design, agitator design and baffles.

Features of the Terracon Media Slurry Tank:

Tank Plastic tank available in polyethylene or polypropylene
 Cylindrical cone bottom tank
 Available in 200 liters to 2,000 liters
 Open top with sealed cover for clean on premises solution (COP)
 Designed for use at atmospheric pressure
 Suitable for use with column chromatography solutions

Stands Various stand options available
 Metal surfaces available in various grades and finishes; cGMP

Spray Balls Rotating spray balls available to meet pressure and flow rate requirements
 Designed for clean in place (CIP), validation requirements

Agitator Mounted with vertical projection for quality mixing
 Designed specifically to reach deep into cone bottom of tank for performance

Mixing Baffles Designed to promote increased turbulence within tank for mixing quality



Terracon's Media Slurry Tank

- Optimal mixing functionality
- Clean in place solution
- Cone bottom for drainability
- 200 to 2,000 liter
- Use with column chromatography



Top View of Media Slurry Tank

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Contact Terracon today to discuss your Media Slurry Tank needs.



Fluid Management Solutions for the Toughest Challenges

Here at Terracon we are problem solvers.

When it comes to challenges related to transferring, mixing or storing fluids we are your one-stop shop for integrated fluid management solutions.

If your requirements include repeatable cleanability, sanitary processing and/or high purity solutions, our team at Terracon can help. The more complex your need, the more we can help design and manufacture a solution that is cost effective and works.

What products and solutions does Terracon offer?

- Custom tanks & vessels with fittings
- Rinse stations for carboys and vessels
- Wide range of accessories
- Single use products
- Engineering services

Primary Industries and Applications:

Life sciences – proven capabilities meeting FDA, USP Class VI and cGMP standards

- Pharmaceutical manufacturing and research facilities
- Biopharmaceutical research and manufacturing facilities
- Outpatient clinics for hemodialysis

Water

- Ultra pure water - softening, residential, and purified water for research & light commercial
- Cooling tower/condenser sump/makeup water tanks
- Aquaculture solutions
- Conservation and environmental protection solutions

In addition to the above applications, Terracon has delivered solutions for a broad range of other industries and applications including chemical and beverage applications.

Terracon's Core Capabilities:

Innovation & insight – we creatively and costs effectively solve your fluid management challenges.

Design expertise – involve us early in the process to save you time and money. We focus on bringing new products to market to address the toughest challenges in fluid management.

Engineering know-how - our team is committed to creative solutions that meet your requirements and exceed expectations.

Manufacturing – from prototypes to production we offer full service solutions to get the job done well. We are the leading manufacturer for bringing to market “build to spec” and “build to application” plastic vessels and accessories.

Terracon's fluid management solutions are distributed directly to OEMs via our sales team as well as through resellers and representatives.

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