

Freeze & Thaw Applications

Frequently Asked Questions (FAQs)

Can Meissner's Freeze/Thaw solutions fit within my existing workflow?

Yes, our team of Applications Engineers can partner closely with you to design a Freeze/Thaw solution incorporating either [CryoVault® rigid containers](#) and/or [TepoFlex® flexible container](#) assemblies that meet your specific process requirements. We offer a library of standard assemblies as a starting point that can be adapted based on your workflow, volume range, and connectivity requirement for up and downstream integration.

How do I know which Freeze/Thaw solution is best for my process?

Choosing the right Freeze/Thaw solution depends on several factors including drug modality, fill volume, batch size, freezing method, and logistics – shipping and transport – requirements. Just as important would be your team's tolerance for risk, especially around product loss, contamination, or process deviation. Our team works closely with you to assess both technical and operational risk factors and recommend a container solution that balances robustness, fitment with existing infrastructure, and scalability to meet your process and quality objectives.

How long has Meissner been supporting Freeze/Thaw bioprocessing solutions?

Our team has over a decade of experience supporting global biopharma and Contract Development and Manufacturing Organization (CDMO) clients in developing robust Freeze / Thaw strategies – from early-stage pre-clinical programs to commercial-scale production.

What level of product support and documentation is available?

Our team of Freeze/Thaw experts are available to provide consultative support to help design a secure and reliable Freeze / Thaw solution. Our comprehensive documentation package covering sterilization validation, material certification, extractables and leachables data, and compatibility information.

Do you provide trial quantities for evaluation?

Yes, with no minimum order quantities. You can order any quantity of assemblies to support feasibility studies that allow you to validate performance before committing to full-scale implementation.

For more information on our freeze and thaw platforms for bioprocessing, visit www.meissner.com/freeze-thaw or call +1.805.388.9911.

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Meissner Headquarters
1001 Flynn Road • Camarillo, CA 93012 • USA
+1.805.388.9911 • www.meissner.com

