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Helmer GX Solutions Safe for Use in Clean Room Environments ISO Class 5 and Above

GX Solutions pharmacy refrigerators include NSF/ANSI 456 Certification and ISO Class 5 clean room compatibility.

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Company Background

Helmer Scientific, now part of Trane Technologies Life Science Solutions, is a U.S.-based manufacturer and worldwide distributor of medical-grade cold storage and laboratory processing equipment. We have over 45 years of experience in providing high-quality temperature-controlled environments, with our products being used in over 125 countries. Precise temperature performance and control are essential to the successful storage of pharmaceuticals, and Helmer cold storage products are designed and developed with these considerations.

Product Overview

■ GX Solutions — Engineered to Perform, Engineered to Last, Engineered for the Pharmacy

Pharmacy GX Solutions refrigerators and freezers are designed and tested to deliver world-class temperature performance Helmer customers have come to trust from the leading manufacturer of pharmacy cold storage equipment.

■ Standard NSF/ANSI 456 Certification

All Pharmacy GX Solutions refrigerators and freezers include NSF/ANSI certification at no additional charge, ensuring that valuable vaccines and medications are safely and properly stored.

■ Safe for Use in Clean Room Environments up to ISO Class 5

A recent third-party study showed that Helmer GX Solutions refrigerators did not increase particle counts past the acceptable threshold for ISO Class 5 classification.

Standard USP requirements for <797> and <800> require clean room classification of at least ISO Class 7, meaning that Helmer refrigerators are safe for use in clean room environments up to two full classifications more stringent than the USP guidance for clean rooms.

The full methodology and study results are available at info.helmerinc.com/iso-class-7-requirements-contact.

Patricia Kienle confirmed the acceptability of placing a compressor-based or solid-state refrigerator inside a clean room in a recent webinar on equipment planning. She also suggested addressing concerns about potential particulates released from the refrigerator's compressor by placing the refrigerator in front of an exhaust vent.

The full webinar contained best practices and clarity for safe sterile compounding. The recording and slides for the webinar are available at info.helmerinc.com/demystifying-usp-compliance-webinar.

■ Efficiency and Sustainability

In addition to pharmacy-specific design, GX Solutions refrigerators and freezers support sustainability initiatives while meeting the performance demands of a busy pharmacy.

- ENERGY STAR® certified
- Utilize low-GWP natural hydrocarbon refrigerants with zero ozone depleting potential
- Meet many energy standards including the EPA SNAP program

Contact Information

Contact a Helmer sales representative at sales@helmerinc.com.