

About

The CES cryogenic immersion freezer instantly freezes liquids and other viscous substances into consistently-sized pellets. The pellets are formed using an application-specific dispenser, which drops each pellet into a liquid nitrogen immersion bath below. A stainless steel belt with food-grade UHMW inserts moves through the bath, conveying the frozen pellets over a draining zone to remove the excess LIN and finally to the front of the freezer, where the pellets are deposited into an external receptacle.

Standard Features

- Stainless Welded Structure (Easy Clean)
- Allen Bradley PLC Controls
- Ethernet Ready
- Touch Screen HMI
- Proportional Controls
- 5" Cryogenic Grade Polyurethane Foam
- Stainless Pellet Dispenser
- Safety Interlocks
- Programmable Recipes
- Variable Belt Speed
- Sloped Surfaces (Easy Drain)
- LIN Bath Level Sensor
- Top Lifting (Easy Access)

Options and Accessories

- Stainless Steel Motors & Gearbox
- Remote Electrical Panel
- Clean-in-Place System
- Core-Temperature Control
- Stainless Steel Exhaust Blower
- Custom Design Units Available
- Optional Voltages
- Customizable Dispenser

Benefits

- IQF of viscous products
- Low-footprint
- Integrates easily into linear product lines
- Application specific
- Low capital investment
- LIN as refrigerant
- Increased production abilities
- Quick installation
- Adheres to USDA and OSHA guidelines
- UL and CE certified



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