

SCM用 液体窒素蒸発防止装置

VAR Series VAR-100E / VAR-200E



System Overview

1. This system connects to the liquid nitrogen reservoir of the SCM. It uses a built-in cryogenic refrigerator to cool the system, preventing liquid nitrogen evaporation.
2. The system monitors the internal pressure of the cryostat and regulates cooling capacity accordingly to maintain a constant liquid nitrogen level.
3. Vibration from the refrigerator during operation is kept to an absolute minimum through an advanced vibration-isolation structure.

6 Key Features — Bringing Safety, Peace of Mind, and Simple Operation to the Lab—

Enhanced Safety

Prevents LN2 evaporation & minimizes refill risks
Auto-recovery function

Reduced Workload

Eliminates manual LN2 refills
Uninterrupted measurement continuity

Minimized Vibration

Vibration-isolated structure protects
the measurement environment

Simple Operation & Intuitive Display

E-Type Controller ensures easy and
reliable operation for everyone

Retrofittable to Existing SCMs

Compatible with magnets from
various manufacturers

Constant Magnet Internal Pressure

Heater control suppresses
internal pressure fluctuations

Simple Operation: E-Type Controller



- Analog pressure control
- Auto-recovery function
- Instant pressure & Temperature visibility

