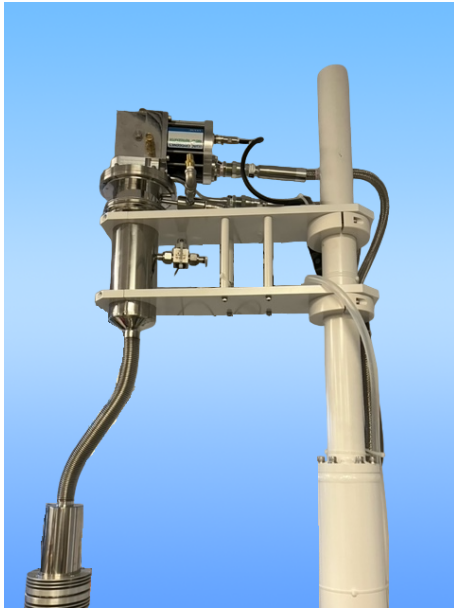


Fully computer-controlled Liquid Nitrogen evaporation prevention system VAR Series VAR-100V , VAR-200V



Equipment Overview

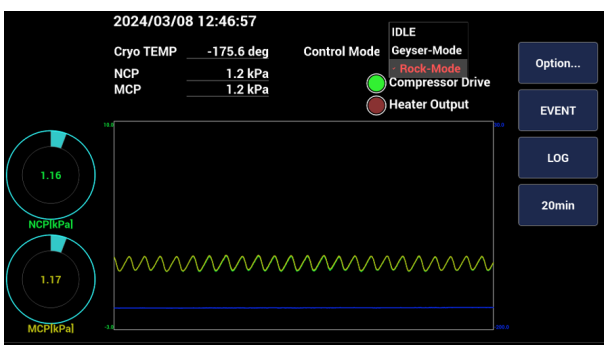
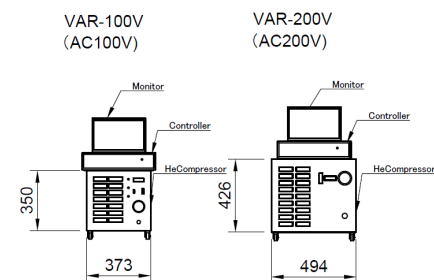
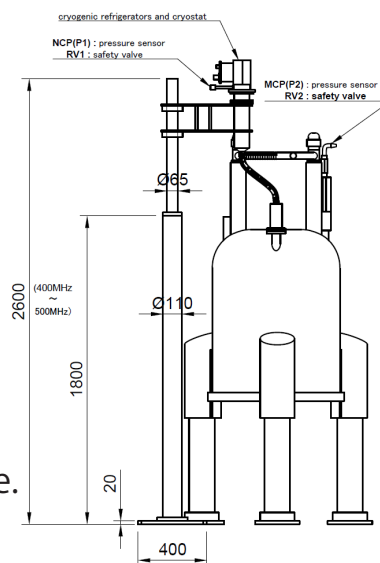
1. The liquid nitrogen is cooled by a cryostat with a cryogenic refrigerator connected to the liquid nitrogen tank of the SCM to prevent evaporation of the liquid nitrogen.
2. The pressure inside the cryostat is detected. The refrigeration capacity is controlled according to the pressure. The liquid nitrogen is kept constant.
3. Pressure control minimizes Shim fluctuations by reducing pressure changes in the magnet as much as possible.
4. Vibration of the refrigerator during operation is minimized by the anti-vibration structure.

Safety and Reliability

No need to transport or fill liquid nitrogen.

The touch panel system makes it easy to start/stop the equipment.

Equipped with an automatic recovery function. No problem during power outage.



New controller with visualization !

- Full computer control
- Graphical display of history (20min/1hour/3hour/6hour switchable)
- Remote monitoring (connected to user's wi-fi)
- 13.3" touch panel monitor



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