

High-Capacity GM Cryocoolers and Circulating Cooling Systems

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Sumitomo (SHI) cryogenics has been a pioneer and industry leader in developing cryocoolers for all major cryogenic applications including healthcare, semiconductor manufacturing, laboratory research, and quantum

computing, for customers globally. With the rising demand for 20K and high temperature superconducting (HTS) applications we have increased our efforts in the last decade to develop and offer cryogenic cooling solutions like single stage Gifford-McMahon (GM) cryocoolers and cryogenic circulating cooling systems to address the needs of our global customers.

In this talk, we will discuss the design challenges, integration concerns, test findings and application examples for the high-capacity GM cryocoolers and cryogenic circulating systems developed by Sumitomo (SHI) Cryogenics.

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