

Release of 4K GM-JT cryocooler system RJT-100ST

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GM-JT (Gifford-McMahon-Joule-Thomson) cryocooler systems consist of GM cryocooler for pre-cooling and JT cryocooler system. GM-JT cryocooler systems have the cooling capacity of several GM or PT cryocooler systems by combination of GM and JT cryocoolers. This leads to better power consumption (efficiency), footprint, and maintenance costs for the customer's system.

Last November, SHI released RJT-100ST, stage type of GM-JT cryocooler systems coupled with E-77A and J117V compressors. It has a cooling capacity of 9W at 4.2K and a very high COP of 6.4E-4.

In this session, we present the overview of RJT-100ST.

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