

LOW VIBRATION CRYOCOOLERS

ENABLING SCIENCE AND APPLICATIONS



Vibrations no longer need to limit your use of cryo-coolers for sensitive cryogenic applications.

Complete low-vibration cryogen-free systems are available now with proven performance on both Pulse Tube or Gifford-McMahon coolers. Our passive and robust design is easy to use. New units with a custom cryostat or retrofits of existing systems are possible. Please inquire about custom tailoring our technology to fit your requirements for unique applications.

SPECIFICATIONS

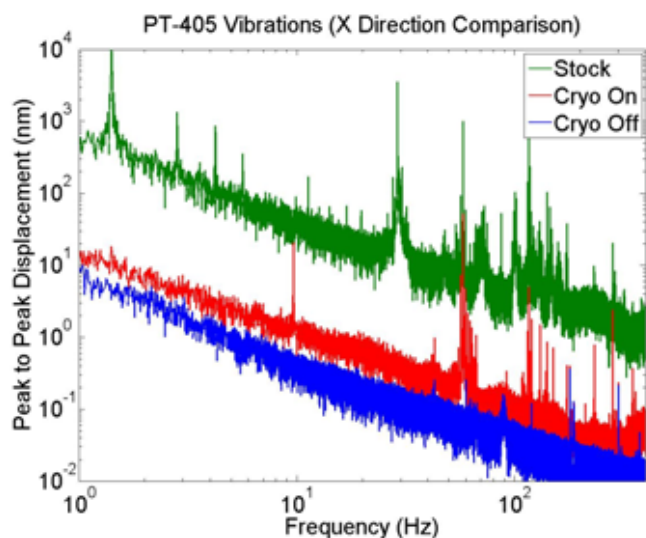
Base Temperature	<3 Kelvin ²
Sample Space	2.35 in. dia. x 2.5 in. h
Temperature Range	3K – 350K
Load Specifications	60 mW at 4.2K ³ 180 mW at 4.2K ⁴

¹ 500x suppression observed on Cryomech PT405 at 1.4 Hz

² Measured value for Cryomech PT-405

³ Measured value for Sumitomo SHI RDK-101D cryocooler (0.1W)

⁴ Measured value for Cryomech PT405 cryocooler (0.5W)



Features

- Robust & low maintenance passive dampening design
- Works for both Pulse Tube & G-M cryo-coolers
- Up to 500x vibration reduction¹
- Easy access to sample space
- Optical access design
- Large sample mount volume

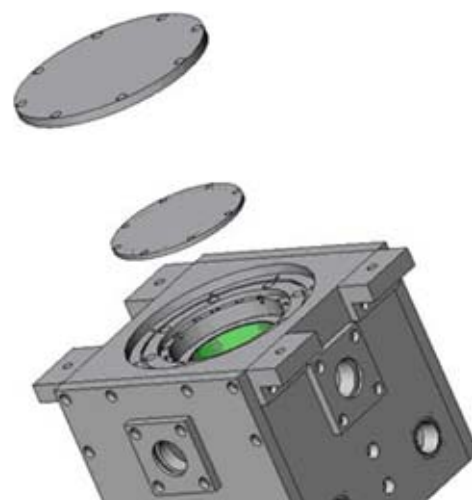
Pulse tube



G-M



Sample space



Sample space easily accessible by removing two bottom plates.

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