

Miniature Continuous Flow Helium Cryostat

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A multipurpose small continuous flow Helium cryostat was designed and constructed for application of a wide range of X-ray measurement techniques. Reaching temperatures from 2K to 325K, this vibration-free instrument can easily be adapted to the beam-line geometry and works in any orientation. Its mechanical modularity, high cooling rate and excellent temperature stability allows for a wide spectrum of experiments such as GID, SAXS, XPCS or XRMF.