

ICE

DRY ICE^{3K} OPTI

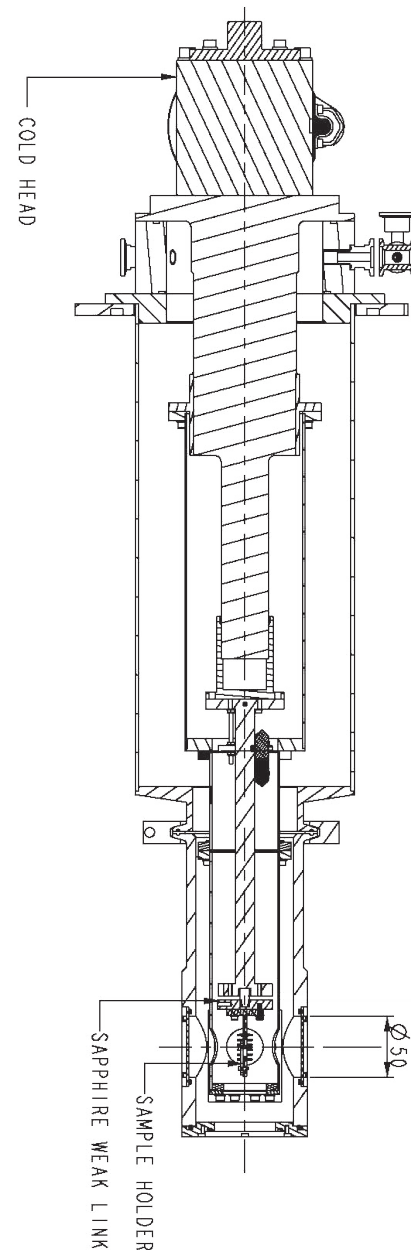
A cryogen free cryostat offering excellent optical access in the temperature range of <3K to 420K.

The DRYICE^{3K} OPTI can offer optical access to the sample via up to 5 windows with window materials including Sapphire, Quartz and Spectrosil.



DRYICE 3K OPTI

COOLING POWER	0.1W to 2.0W at 4.2K
BASE TEMPERATURE*	2.75K
COOLDOWN TIME FROM ROOM TEMP.	< 3 hours to 4K
ACCESS TO SAMPLE SPACE	Bottom loading
OPTICAL ACCESS	f0.9 Up to 5 windows, see table below for options
TEMPERATURE STABILITY	±10mK at 4K and below as standard
VIBRATION	We can offer various vibration reduction systems
SAMPLE ENVIRONMENT	Vacuum
SAMPLE SPACE	50mm x 100mm as standard (other options available)
COMPRESSOR	Water or air cooled
TEMPERATURE CONTROLLER	Lakeshore 325 as standard (other controllers available on request)



*will vary depending on wiring and window options
10K base temperature option also available

