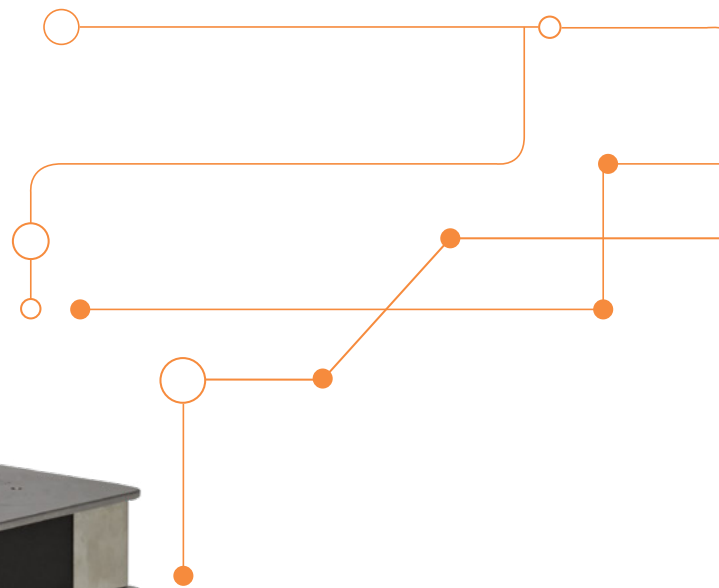


Optistat™ Dry TLEX

Sample-in-exchange-gas applications

The **Optistat**Dry is now available with a sample-in-exchange-gas environment, making it the most versatile cryogen free cryostat which is optimised for different spectroscopy experiments.

- Wide sample temperature range from <math><4\text{ K}</math> to 300 K
- Quick sample change in about 45 minutes via the top-loading probe
- Optimised optical access with f1 and a clear view of 15 mm diameter
- Water and air-cooled compressor options available



Why choose **OptistatDry** TLEX?

If your samples are poor thermal conductors or powders, this cryostat is ideal for you. Samples for biological, life science or chemistry experiments often can not go into a vacuum environment. The **OptistatDry** with its sample-in-exchange-gas environment is ideal for these applications and provides the cooling you need for your samples.

The **OptistatDry** is also perfect, regardless of what type of samples you have, if you need to minimise the time between experiments and maximise throughput. Removing the sample rod whilst the cryostat is kept cold enables you to swap from one sample to the next in in less than one hour.

Shining a new light on optical spectroscopy

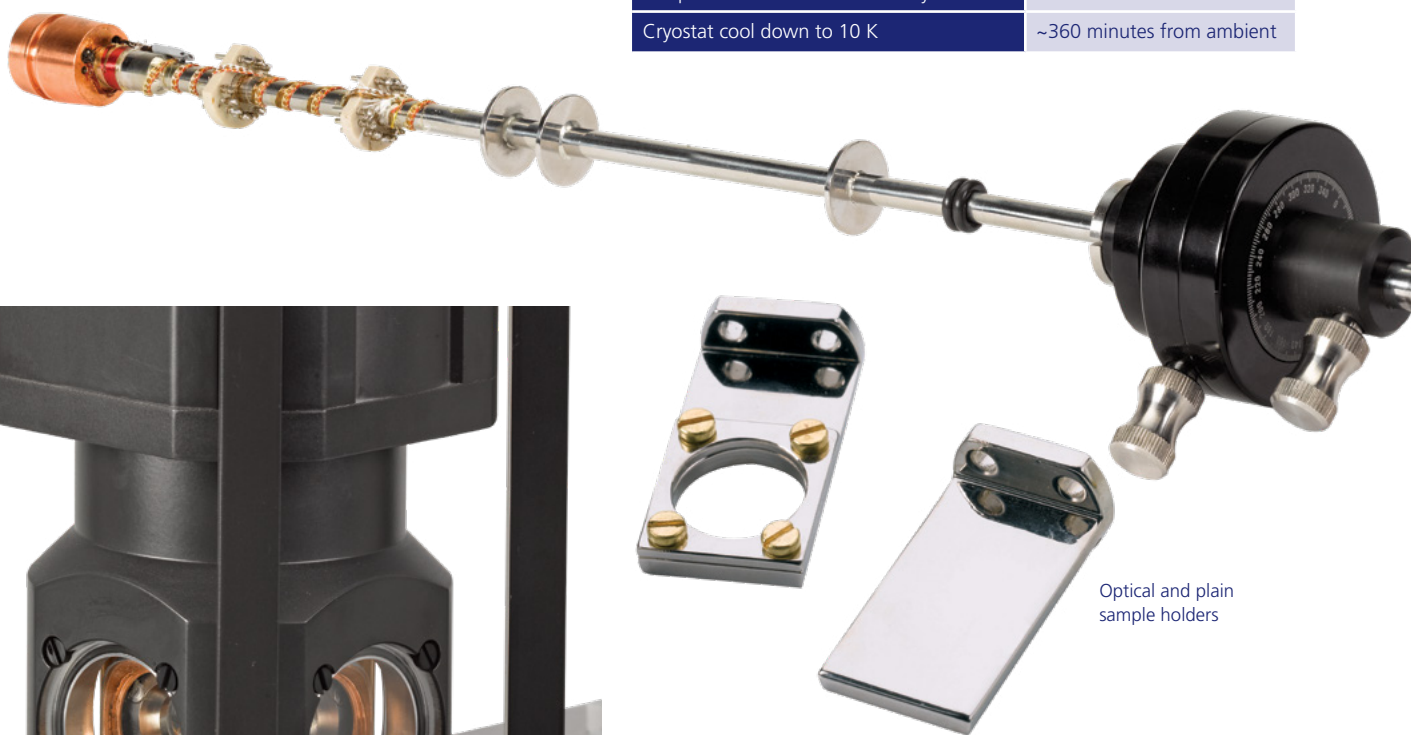
Versatile – Wide range of sample rods and holders

Optical excellence – Window material options cover the full spectrum from UV to extreme IR

Simple to use – Easy and quick set-up and sample change reduces the overall time taken for experiments

Specifications

Sample temperature range	<4 K to 300 K
Measured temperature stability	± 0.1 K
Sample cool down to 10 K with cryostat cold	~45 minutes
Cryostat cool down to 10 K	~360 minutes from ambient



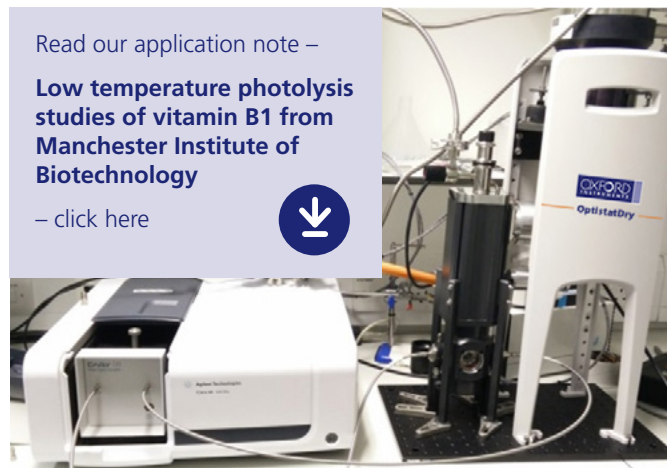
Optical and plain sample holders



Read our application note –

Low temperature photolysis studies of vitamin B1 from Manchester Institute of Biotechnology

– click here



Visit www.oxinst.com/optidry-tlex or email nanoscience@oxinst.com

Main service locations: UK, USA, Germany, China, Japan and India

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