OXFORD INSTRUMENTS

The Business of Science®

Optistat™ Dry

Shining a new light on optical spectroscopy

OptistatDry – 3 K **Cryofree®** cryostat, for a wide range of spectroscopy applications

Versatile

- Ideally suited for UV/VIS, Raman, FTIR, Fluorescence, Photoluminescence, Micro-PL, Terahertz, Microscopy, Electroluminescence
- A wide range of different wiring options
- Compatible with all optical benches: the optional support stand has feet matching both imperial and metric fixings

Upgradeable

- Flexible wiring options

Optical excellence

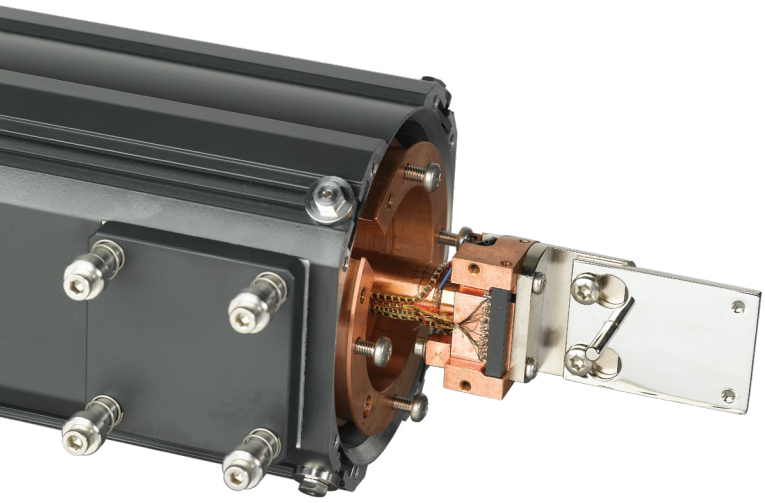
- Large clear optical access and f1 as standard
- Optimum transmission: only one window required per optical access
- No need to realign the optics after each sample change

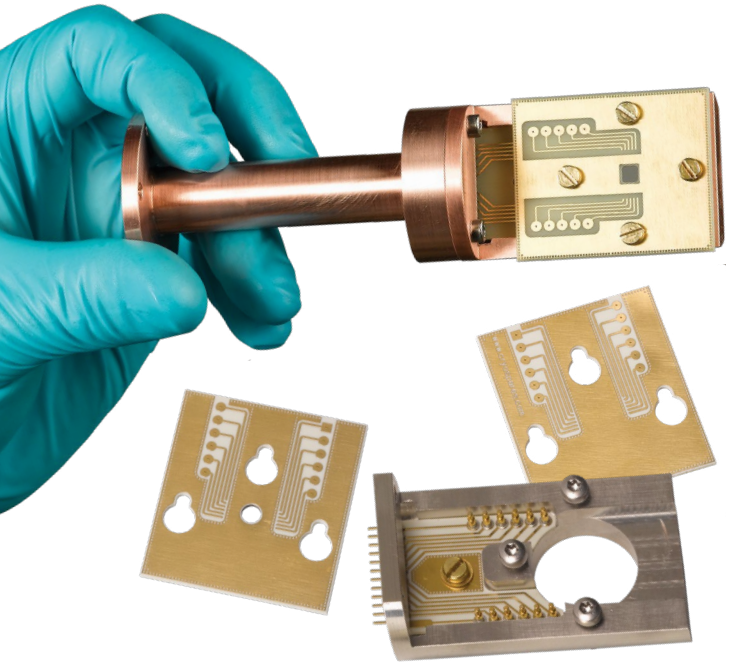
Simple to use

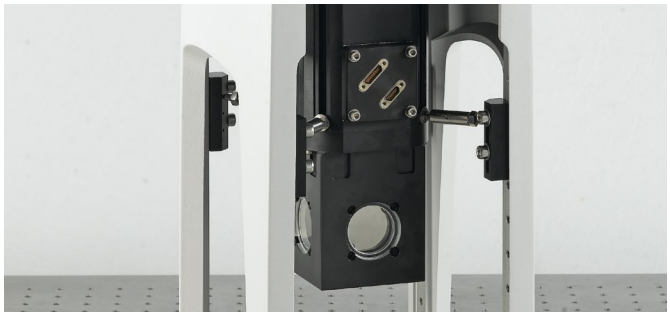
- No liquid cryogen required
- Easy sample loading via the load port
- Quick and easy to change windows in your lab to suit different wavelengths
- Easy electrical connections to your samples with puck style sample holders

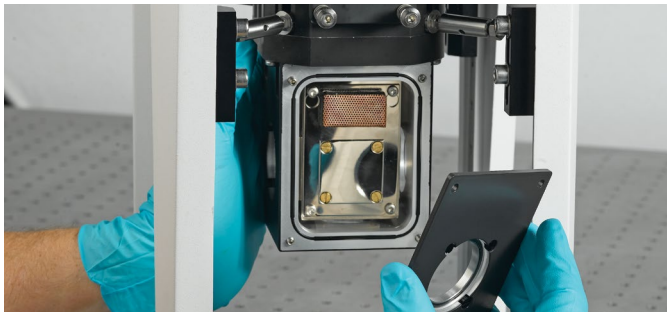
Why choose **Optistat**Dry?

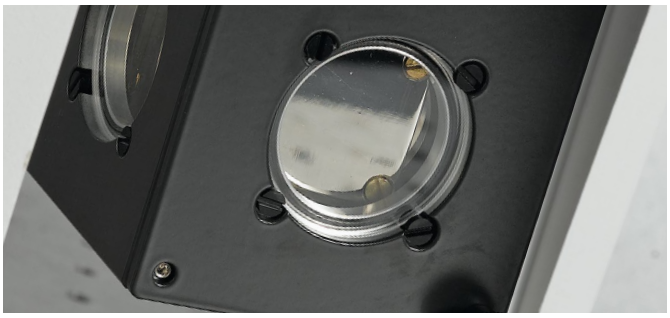
- Wide sample temperature range from < 3 K to 300 K
- Water and air-cooled compressors available
- Low vibration when used in conjunction with the optional stand, typically less than 10 µm RMS
- Large sample space enables studies of samples with a wide range of different geometries and sizes
- Low running costs
- Optimised optical access with f1 and a clear view of 28 mm diameter allows a large illumination area for measurements involving the detection of low intensity light











Specifications

Sample temperature range	< 3 – 300 K
Measured temperature stability	± 0.1 K
Cool down time from ambient to 4.2 K	< 160 minutes at 50 Hz
Typical cooling power	0.2 W at 4.2 K
Optical access	28 mm diameter clear view, f1

Visit **www.oxinst.com/optistatdry** or email **nanoscience@oxinst.com**

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

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