Optistat™ Dry – 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 OptistatDry?

- 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

<table>
<thead>
<tr>
<th>Sample temperature range</th>
<th>&lt; 3 – 300 K</th>
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<tbody>
<tr>
<td>Measured temperature stability</td>
<td>± 0.1 K</td>
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<tr>
<td>Cool down time from ambient to 4.2 K</td>
<td>&lt; 160 minutes at 50 Hz</td>
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<tr>
<td>Typical cooling power</td>
<td>0.2 W at 4.2 K</td>
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<tr>
<td>Optical access</td>
<td>28 mm diameter clear view, f1</td>
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Visit www.oxinst.com/optistatdry or email nanoscience@oxinst.com