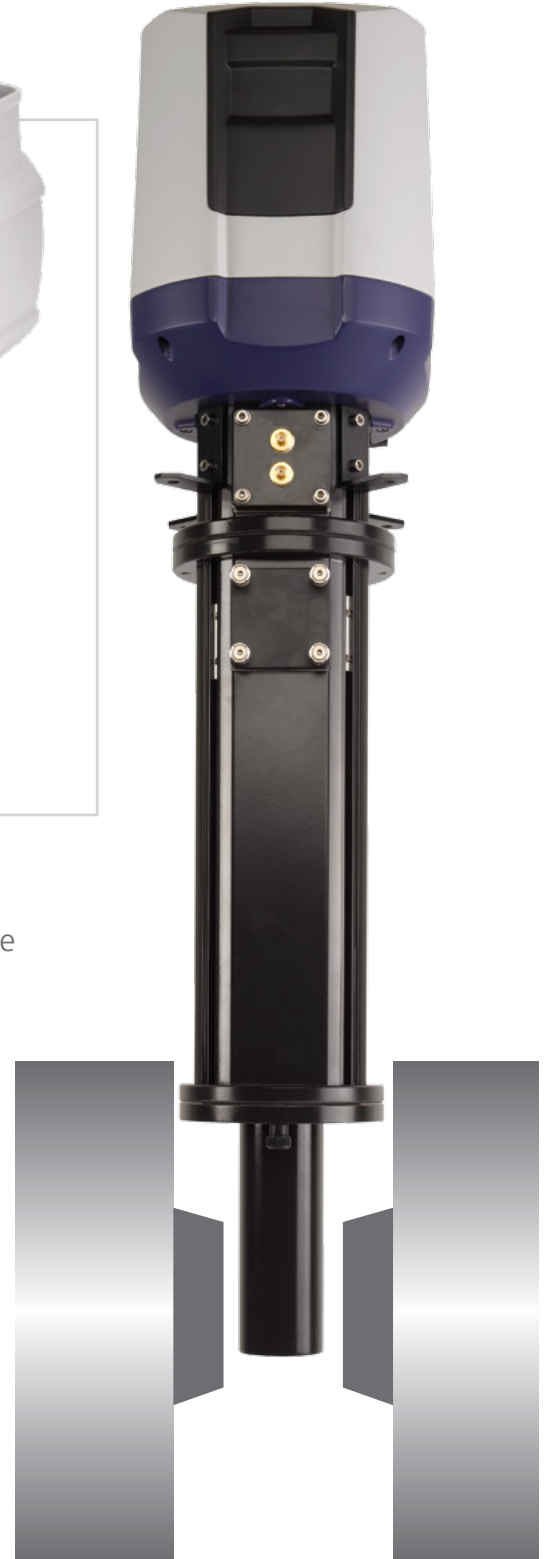


The **Optistat™** Dry is now available with a range of narrow tail sets to suit your electromagnet, making it the most versatile cryogen free cryostat for a wide range of magneto-optic applications including:

- Hall effect
- Spintronics
- Magneto-transport
- Magneto-Optic Kerr Effect (MOKE)

The cryostat can be mounted vertically or horizontally into most commercial electromagnets depending on your optical set-up.



Shining a new light on optical spectroscopy



*The Business of Science®*

A rectangular tail set is also available with four optical ports providing excellent optical access to your sample for transmission and reflection measurements



### OptistatDry – Magneto-optic applications

A narrow tail set version of the **OptistatDry** has recently been delivered to Dr Kurebayashi at University College London, UK. This system is designed to interface to a commercial electromagnet and provide  $> 0.7$  T at the sample position. Dr Kurebayashi is performing spin transport measurements on GaAs and transition metal samples. He is polarising his samples using optics. The cryostat can rotate along the tail axis, enabling the magnetic field to be applied at different in-plane directions to the thin film samples.

Specifications	
Sample temperature range	$<3$ to 300 K
Measured temperature stability	$\pm 0.1$ K
Cool down time from ambient to 4.2 K	180 minutes at 50 Hz
Typical cooling power	0.2 W at 4.2 K

Visit [www.oxinst.com/optistatdry](http://www.oxinst.com/optistatdry) or email: [nanoscience@oxinst.com](mailto:nanoscience@oxinst.com)

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