ProteoxS

Delivering faster characterisation in a smaller size, with no compromise on performance

< 10 mK base temperature
< 17 hours cool down
ProteoxS is the latest addition to the Proteox family. A fast turnaround, cost-friendly system with a reduced ceiling height requirement.

ProteoxS has a base temperature of < 10 mK whilst also delivering a rapid cooldown.

Applications

Quantum Devices
Integrate superconducting and dc wiring for faster turnaround characterisation of quantum devices

Transport Measurements
High magnetic field and low temperatures for electrical transport measurements

Photonics
Characterisation of quantum dots and nano-devices for photonic applications
ProteoxS is compatible with our superconducting magnets and sample exchange providing less than 8 h sample cool-down time.

ProteoxS uses our established Proteox software and can be operated remotely.
Service Support Options

Live Assist
Live assist remote support empowers your technical staff to resolve issues fast and effectively. Our team of service and engineering professionals use the latest virtual reality tools to support you remotely.

Proactive Support Plan
Offering unlimited access to a dedicated Proactive helpdesk and annual service that includes maintenance, training, parts, shipping and travel. The Proactive Support Plan package is for those who require a higher level of guaranteed support.

Proteox
Modular platform for qubit scale-up and cold electronics integrations utilising a customisable secondary insert.

Sample loading pucks
A variety of sizes of sample loading pucks are available for use with our patented sample loading mechanism. Ideal for a multi-user facility, the pucks will cool to base in a matter of hours.

Contact information:

Contact your regional office to find the right support package for your organisation:

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