

Product Range 2017

LOW TEMPERATURE

MEASUREMENT

- Temperature Controllers, Monitors, Modules
- Temperature Sensors, Hall Generators
- AC-Resistance Bridges
- Ultra-Precision Capacitance/Loss Bridges
- Level Probes and Monitors for LN₂, LHe
- Constant Current Sources

CRYOSTATS

- Closed Cycle Cryostat Systems
- Ultra-Low-Vibration CCR-Cryostats
- 1.5 K CCR-Cryostats
- Microscope Cryostats (Cryogen-Free, UHV)
- Coldfinger, Continuous Flow, Bath Cryostats (UHV)
- ESR-, NMR-, FTIR-Cryostats
- SPM - UHV-Cryostats
- ³He-Cryostats (Cryogen-Free, UHV)
- Dilution Refrigerator Systems (Cryogen-Free, UHV)

REFRIGERATORS

- 4 K Pulse Tube Closed Cycle Refrigerator Systems
- 4 K Gifford McMahon Closed Cycle Refrigerator Systems
- 7 K/10 K/25 K Gifford McMahon CCRS

ACCESSORIES

- LHe, LN₂ Storage and Transport Vessels
- Transfer Lines, Superinsulation Foils
- Low Temperature Wires, Coaxial Cables, NbTi Wires
- Epoxy, Grease, Varnish, Soldering Material, Indium Foils
- HT_c Screenings, HT_c Current Leads
- Cryo-Software: Material Properties (NIST), Magnet-Design

CRYOGENIC PROBE STATIONS

- Cryogen-Free 4 K/10 K Probe Stations
- Cryogen-Free Probe Stations with EM-/SC-Magnet Systems
- Cryogenic Probe Stations (LN₂, LHe)
- Probe Stations with SC-Magnet Systems
- Probe Stations with Electromagnet Systems

MAGNET SYSTEMS
SUPERCONDUCTING · Cryogen-Free Magnet Systems

· Solenoid, Split-Pair, Vector Magnet Systems

· 4-Quadrant Magnet Power Supplies

ELECTROMAGNETS · Electromagnet Systems

· Field Controlled Electromagnet Platform Systems

· Bipolar EM Power Supplies

MAGNETIC FIELD MEASUREMENTS

· Gaussmeter, Hall Probes and Hall Generators

· Field Controller

· Fluxmeter, Helmholtz Coils and Field Probes

MAGNETOMETER

· Vibrating Sample Magnetometer (VSM)

HALL MEASUREMENT SYSTEMS

· AC/DC Hall Measurement Systems "Ultra Low Mobility"

· DC-Hall Measurement Systems with SC-Magnets

· DC-Hall Measurement Systems with Cryogenic Probe Station

· Quantitative Mobility Spectrum Analysis Software (QMSA)

PRECISION ELECTRONICS

· Precision AC/DC- I/V-Source

· Precision AC-Resistance Bridges

· Precision Multi-Frequency Capacitance Bridges

SALES TERRITORIES:

Germany, Austria (all Products)
Sweden, Finland (only Lake Shore)
Luxembourg (only Janis)

Cryophysics GmbH

Dolivostraße 9
D-64293 Darmstadt
Tel.: +49 (0)6151 81570
Fax: +49 (0)6151 815799
info@cryophysics.de

SUPPLIERS

- Andeen Hagerling
- Arepoc
- Brooks Automation
(Helix/CTI Cryogenics)
- Can Superconductors

- Cryomagnetics
- Horizon Technologies
(Cryodata)
- Janis Research
- Lake Shore Cryotronics
- Precision Cryogenics

- RolVac
- Sumitomo Heavy Industries
- Supercon
- Wessington Cryogenics

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E-mail: info@cryophysics.de
www.cryophysics.de