



**ZERO POINT
CRYOGENICS**

Model I Dilution Refrigerator

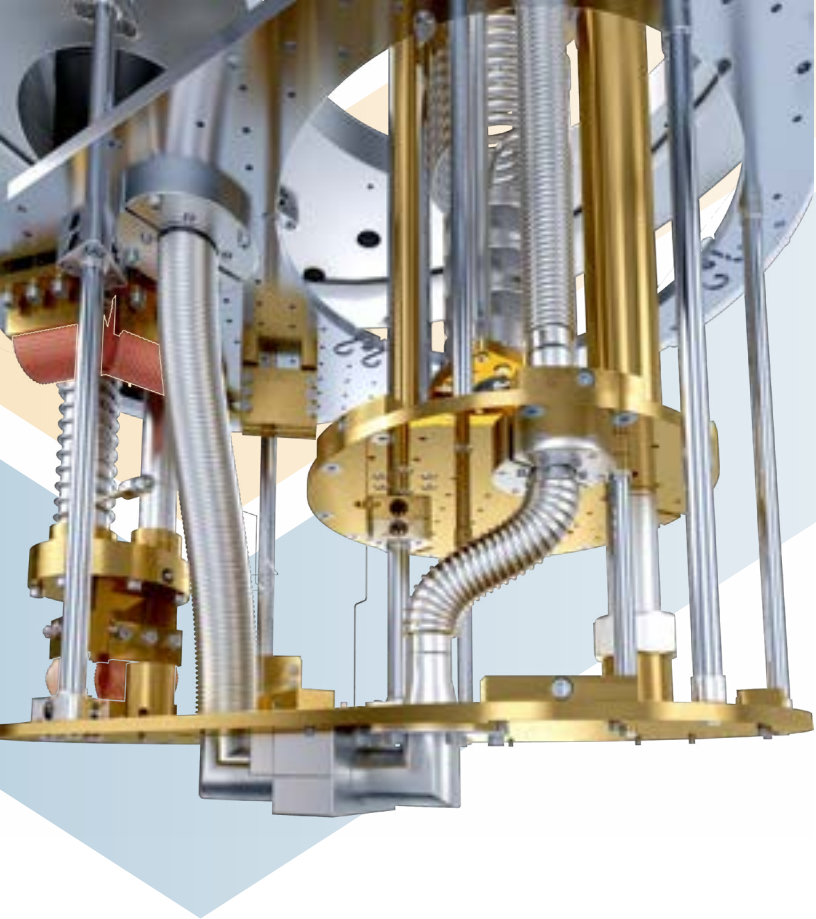
THE COMPACT INNOVATOR

- › Inverted, table-top design
- › Extended-life cryogen-free cold trap
- › Optical access ready
- › Simple, single-person sample exchange



TECHNICAL SPECS

Compact footprint	1.34 m² Including the GHS, customizable
Base temperature	<20 mK
Cooldown time	<30 hours
Cooling power	250 μW at 100 mK (upgradeable to 400 μ W)
Sample size	150 mm diameter • 195 mm vertical space



**ALL METAL SEALS &
NO SOLDERED CONNECTIONS**

GALVANIC ISOLATION

DEDICATED AUXILIARY PUMPING SYSTEM

48 MONTH WARRANTY

**BENCHTOP SAMPLE HEIGHT,
WITH OPTICAL TABLE INTEGRATION**

EXTENDED LIFE COLD TRAP

SOFTWARE

- › One-button cool down
 - › Touchscreen display
 - › Remote operation
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ADD-ON FEATURES

- › Cooling power and pulse tube upgrades
- › Enhanced vibration isolation
- › Fiber-optics
- › DC wiring
- › RF cabling and high-density wiring
- › Free space optical access and optical ports
- › Superconducting magnets
- › Nickel-free gold plating
- › Customized experiment space

› WHY ZERO POINT CRYOGENICS?

Zero Point Cryogenics (ZPC) is a North American manufacturer specializing in hand-crafted dilution refrigerators and cryogenic equipment. ZPC's easy-to-use and compact solutions satisfy space, size, and operation requirements for industry, government and academia. We have a broad spectrum of in-house expertise, ensuring quality in every step of the manufacturing process. At ZPC, we continue to strenuously push innovation in cryogenics today to unlock the full potential of quantum technologies in the future. Our series of cryostats and dilution refrigerators are backed by an extended warranty on every component manufactured by ZPC for added peace of mind. We help our customers focus on developing their quantum technologies, instead of operating their fridges.

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