

HPD Denali 102

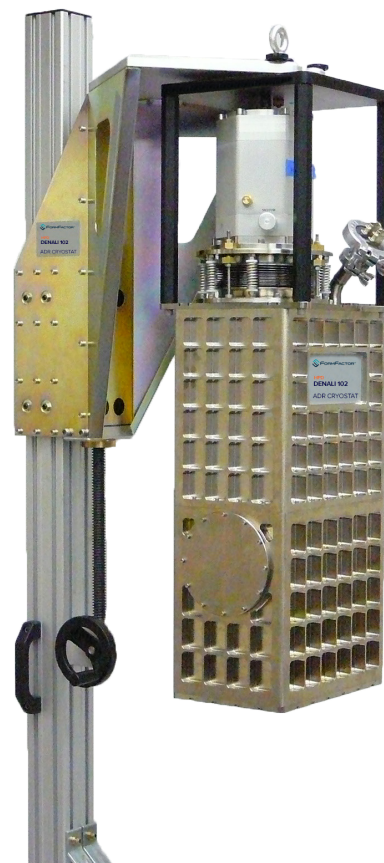
Rectangular, Cryogen-Free ADR Cryostat

> Features

- CryoMech PT 407 pulse-tube head
 - Remote or internal rotary valve motor
 - Vibration isolation bellows
 - 0.6 W cooling power at 4.2 K
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- HPD ADR (NIST design)
 - Kelvar suspension
 - 1 K & 50 mK Stages
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- Rectangular cross section
 - Allows for close positioning to an SEM (Scanning Electron Microscope)
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- Robust internal construction
 - Easy to invert or transport
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- Custom service stand
 - Allows for transport & servicing
 - 30 inches of height adjustment
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> Design Specifications

- Large experimental space
 - 24 cm X 15 cm X 14 cm
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- Cool down from 300 K to 3 K in 15 hours
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- Pulse-tube stage temperatures of 50 K and 2.7 K
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- ADR base temperature of 35 mK
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- No load regulation time of 175 hours at 100 mK
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Corporate Headquarters
7005 Southfront Road
Livermore, CA 94551
Phone: 925-290-4000
www.formfactor.com

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