

Products



Diacell® Cryoloader

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Diacell® Cryoloader

Cryogenic gas loader for diamond anvil cells.

► The Diacell® Cryoloader enables the loading of diamond anvil cells with liquefied gas as pressure transmitting medium.

► It makes it easy to load argon into a DAC since liquified argon (boiling temperature of about 87 K) can be cooled by liquid nitrogen (boiling temperature of 77 K).

► The Diacell® Cryoloader apparatus consists of a cylindrical chamber with a lid, gas inlet and outlets and a viewing port.

► The level of liquid argon collected in the vessel is monitored through the top glass viewing port of the Cryoloader, which is very convenient.

► A low temperature heat exchanger ensures a very efficient cooling and condensation of the argon gas. A loading can take as little as 15 minutes.

Technical Specifications:

Vessel Inner Dimensions	Suitable for DACs up to 55 mm in dia.
Vessel Outer Dimensions	Footprint: 127mm – Height: 150mm
Operating Temperature	77 K
Operating Gas	Argon

Note: Compatible with all Diacell® DACs (except LeverDAC Series and DACs with internal heaters). For other DACs, please consult us.

Specifications subject to change without prior notice.
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