ORTEC

RCAP-2 rekylskyddspaket

Alpha spectrometry accessory

Accessory package that reduces the risk of alpha detector contamination from recoil ions emitted by the sample.



Models	Supply voltage	Sample-holder bias
RCAP-2-120V; RCAP-2-240V [-1]	**RCAP-2-120V: 120 V; RCAP-2-240V: 240 V** [1]	**−12 V** [1]

Specifications

Models	RCAP-2-120V; RCAP-2-240V	[1]
Supply voltage	RCAP-2-120V: 120 V; RCAP-2-240V: 240 V	[1]
Sample-holder bias	−12 V	[1]
Pressure-control range	10^{-3} Torr to one atmosphere	[1]
Compatibility	ALPHA-ARIA and most older ORTEC alpha spectrometers	[1]
Included sample trays	8 biased sample trays	[1]
Pressure gauge	Granville-Philips Convectron gauge tube; controller displays pressure and set point	[1]
Pressure regulation	Solenoid on/off valve; pump-throttling valve for high pressure; brass manifold	[1]

Models

Model
RCAP-2-120V
RCAP-2-240V

Sources

[1] **RCAP-2 Ion Recoil Contamination Avoidance Package**
ORTEC (AMETEK) · product-page · Ordering Information; More Information; Introduction · checked 2026-10-16
https://web.archive.org/web/20261016000000/https://www.ortec-online.com/products/radiation-detectors/silicon...

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.