

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## Pressure BioSciences: NEP2320 Barocycler

RRID:SCR\_020415

Type: Tool

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### Proper Citation

Pressure BioSciences: NEP2320 Barocycler (RRID:SCR\_020415)

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### Resource Information

**URL:**

<http://www.hylandscientific.com/product.aspx?itemid=1400&prodid=15194&pagetitle=Pressure-Biosciences-Model-NEP-2320-Barocycler>.

**Proper Citation:** Pressure BioSciences: NEP2320 Barocycler (RRID:SCR\_020415)

**Description:** Barocycler uses the Pressure Cycling Technology (PCT) platform based on repeated cycles of hydrostatic pressure between ambient (14.7 psi) and ultra-high levels (up to 45,000 psi). These rapid changes in pressure are used to control biomolecular interactions for applications such as accelerated proteolytic digestion and improved extraction of cellular components, including proteins and lipids. The PCT platform allows for a high degree of safety, speed, reproducibility, and in modern sample preparation protocols. Advantages of the PCT technology include:

**Resource Type:** instrument resource

**Keywords:** Pressure BioSciences, Inc., Barocycler, Instrument Equipment, USEDit

**Availability:** Commercially available

**Resource Name:** Pressure BioSciences: NEP2320 Barocycler

**Resource ID:** SCR\_020415

**Alternate IDs:** Model\_Number\_NEP2320

**Record Creation Time:** 20220129T080350+0000

**Record Last Update:** 20260725T190926+0000

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### Ratings and Alerts

No rating or validation information has been found for Pressure BioSciences: NEP2320 Barocycler.

No alerts have been found for Pressure BioSciences: NEP2320 Barocycler.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.