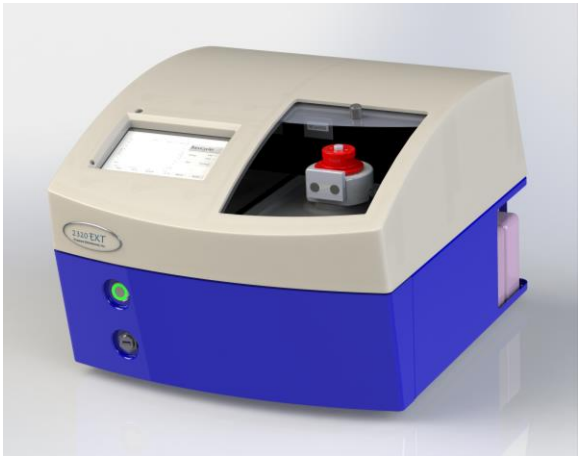
PBI Pressure BioSciences Inc.

Introducing the Barocycler® 2320EXT Ideal for PCT-SWATH

~4 Hours from Tissue to Peptides

The Barocycler 2320EXT

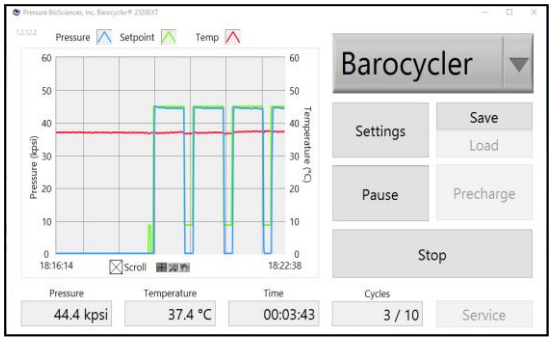
- Pressure Range: ambient - 45,000psi (310 MPa)
- Max Temperature: 95˚C
- Min Temperature: 4˚C with circulating waterbath, ambient with electric heating
- Insulated closure for use during high temperature runs
- Process up to 16 samples simultaneously
- Easily accessible USB port on front panel
- Choice of temperature control - heating/cooling or heating only
- Requires 110psi input air pressure
- Computer-operated control with Touch Screen Interface
- Pressure medium: Distilled Water



Touch Screen Interface

Pressure Profiles are programmed via an onboard touch screen, which can be connected to a network.
The instrument is also equipped with a USB port that can be used to connect a mouse or keyboard to the 2320EXT.

- Various Pressure Mode Settings: Barocycler, Ramp, Waveform
- Cycled or Static Pressure
- Network Enabled
- Automatic Logging of All Run Parameters
- Data Output
- Save and Record Programs
- Real-time pressure display graph shows pressure and temperature throughout the run
- Touch Screen Temperature Control (with electric heating option only).



MicroTubes and MicroPestles

MicroTube Adapter Cartridges are included with the Barocycler 2320EXT. These are essential for use with PCT MicroTubes and PCT uPestles.

PCT µPestles, in conjunction with PCT MicroTubes, are designed to enhance homogenization and extraction when working with minute amounts of solid tissue.

- Process up to 3mg of solid tissue in 30uL of extraction reagent
- Process as few as 5×10^4 cells
- MicroTubes are constructed of non-wetting, low binding FEP plastic
- MicroPestles are made from inert PTFE (Teflon)