

The Barocyler[®] HUB440

*PBI offers accessory kits, components, sample containers, and services for researchers.
Please see the HUB440 Family of Products brochure for additional information.*

The Barocyler HUB440 is a bench-top, high pressure generator for the life sciences laboratory. It uses an air-pressure-to-liquid-pressure intensifier system, with a pressure amplification ratio of 440:1, to reach an output pressure up to ~58,000 psi. Pressure is determined by an electronic air pressure regulator and controlled by an external or internal voltage signal. The HUB440 can be operated in either a manual mode or by external means using an optional DAC (Data Acquisition and Control) Module. The DAC is a USB-powered computer interface capable of complex data acquisition and control and comes with a basic software package (See HUB440-DAC Specification Sheet). PBI offers several accessory packages that include hardware and software to enable many sophisticated high pressure experiments (See the Product Specification Sheets of the HUB440 Family of Accessories for Details).



Features & Benefits:

- Ideal for High Pressure Research
- A USB-Powered Computer Interface
- Expandable with Optional Hardware and Software
- Compact and Light
- The HUB440 Can Interface with Other Instrumentation

Specifications Barocyler HUB440*

- Maximum Operating Pressure ~58,000 psi (4000 Bar)
- Minimum Operating Pressure ~500 psi (35 Bar)
- 24 VDC Power
- Industry Standard HP 9/16-18 Threaded Female Port
- Dimensions 17" X 12" X 9"
- Weight ~55 lbs
- Manual Control (External Control Options Available, See HUB440-DAC Specification Sheet)
- 1 Year Warranty (One Year and Four Year Extended Warranties are Available)

Hardware Required But Not Supplied (Sold Separately)

- Air Compressor or Air Source (up to 130 psi)

Set-up and Training Packages are Available

***For Research Use Only**

