

BV Thermal Systems

<http://www.BVThermal.com>

209-522-3701

Benchtop Chiller

The BV Thermal Systems Benchtop Chiller delivers both accurate and continuous cooling. The easy to use compressor based chiller with environmentally friendly CFC refrigerant is quiet, highly reliable and features a front fill reservoir, auto-tuning, PID temperature controller and a liquid filled pressure gauge. The Benchtop Chiller with $\pm 0.1^{\circ}\text{C}$ stability may be configured to any cooling capacity up to 1764 watts. The Benchtop Chiller features UL, CE and RoHS marked components and is designed for longevity with such elements as O-ring, hard brazed or welded connections and minimized thread seals. Other features include: separate electrical enclosure, seamless polyethylene tank with easy fill 3" port, 100 million cycle solenoid valve, internal pressure/flow adjustment, and a full featured PID controller with Auto-tuning. Options include touch-screen or analog controls with a wide selection of remote interfaces. Applications for the Benchtop Chiller include: rotary evaporators, blood cooling systems, X-ray diffractions, medical lasers, electron microscopes, medical equipment, analytical instrumentation, semiconductor equipment, industrial lasers, and printing equipment, among others.