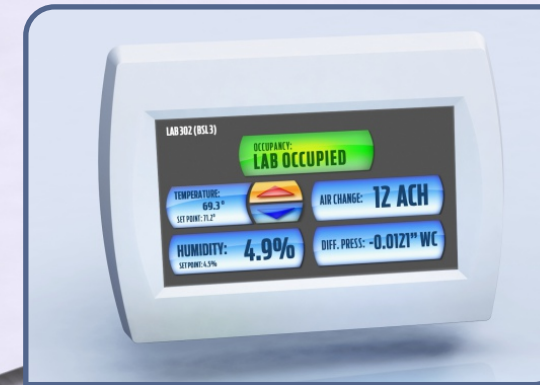


RESEARCH / LABORATORIES

Research facilities must offer users a reliable, efficient, and flexible environment that ensures research integrity. Just like the research work being performed inside the laboratory space the CRC closed loop control strategy verifies actual operating conditions are being met. Our full color LCD touchscreen devices allow researchers quick and easy access to critical environmental information important to their research with a touch of a finger.

Open lab solutions are designed to deliver a consistent and stable environment for performing research. Proper ventilation and a consistent working environment is paramount for both safety and quality research results. Critical Room Control provides **complete turnkey systems that define best practices** and include intuitive user interfaces that clearly indicate current status while automating proper space use.

- Fast, accurate, quiet and reliable room temperature, humidity and pressure control
- Local access for research staff of critical information at the touch of a finger
- Fully automated room sequencing
- Simple to navigate safety indication and alarming
- Safe closed loop control with true variable feedback
- Energy efficient control sequences
- Space management and room turnover automation
- Improved user experience with clear intuitive user interfaces



MultiVIEW Monitor: CRC-MV

The MultiVIEW is an advanced 7" LCD touchscreen display that is designed to be configured for any monitoring or sequencing application. It's core function is to give local access to critical information in an easy to read display. It supports up to six (6) fully configurable graphical icons - allowing the facility user to view and/or make changes to point values, modes, status, set points, and alarms.

- Bright/sunlight readable 7.0" LCD touch screen
- Displays large, easy to read values, set points, room status, modes and alarms
- Supports local and remote audible and visual alarms
- Analog and digital input and outputs for point values, modes or status indicator
- Network for values, modes or status points
- Set point, status and mode networked or hardwired

CLOSED LOOP VALVES: CRC-CLV

In order to ensure that safe operating conditions are being met, it is critical to measure the output that is being controlled. Our unique closed loop venturi valve provides long term reliability, unmatched accuracy, and true airflow measurement.

- Closed loop control
- True industrial grade air flow measurement
- Industry's lowest energy requirements
- Impervious to lint, dirt and dust
- No minimum static pressure requirements
- Confirmation of desired set point
- Aluminum, steel, stainless steel, and coated construction
- No scheduled maintenance
- Accurate to $\pm 5\%$ of flow
- Ultra low pressure drop
- No required straight duct runs
- 10 to 1 turndown
- Fast acting and failsafe
- Mount in any orientation



Fume Hood Monitor / Controller: CRC-FPM / CRC-FPC

The Fume Hood Controller (CRC-FHC) is designed to monitor and control a single fume hood where proper flow is vital.

- Monitor and control fume hood face velocity or volume
- Fast, accurate, stable and reliable control of fume hood face velocity
- Full color touch screen clearly indicates fume hood condition and alarms
- Supports constant volume or variable volume hoods
- Supports direct sidewall, vertical, horizontal, and combination sash sensing
- Closed loop control strategy with true variable feedback
- Energy saving sequencing and control logic
- Can operate as a standalone controller or part of a CRC complete lab solution
- Supports Imperial and Metric readouts
- Seamless integration with CRC lab control system or BMS
- Onboard BACnet MS/TP Communications



Lab Pressure Monitor / Controller: CRC-LPM / CRC-LPC

The bright, colorful, easy to read LCD touch screen can monitor and control the pressure relationship of up to two rooms while giving clear indication of the room's current status and pressure readings.

- Monitor / control up to two rooms with one controller
- 5 fully customizable modes
- Dual password protection
- Displays current value, alarm, and set point adjustment of up to 8 points
- Best in class industrial grade dead ended direct pressure measurement
- Onboard BACnet MS/TP Communications
- I/O and Network diagnostic functions

