

Imagine controlling your
critical environment...
at the **touch of a finger**



Room Monitors &
Condition Display Systems

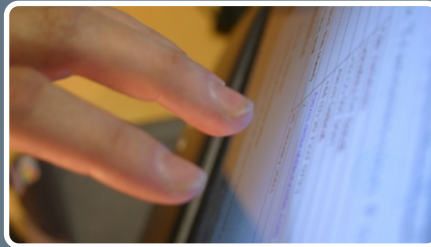
CRC

CRITICAL ROOM
CONTROL

Offering superior control, display, and user friendly technology at... the touch of a finger.

Product Overview

The **CRC-Room Monitor** and **CRC-Condition Display** are the two main components in a revolutionary new room-level system that allows personnel to set and monitor environmental controls at a touch of a finger. Password protection ensures that only authorized personnel can access these functions through a password protection screen.



This system's primary function is to continuously monitor room pressurization with direct measurement between the critical room and reference area. The microprocessor based controller also controls and monitors room temperature, humidity, and other environment elements / HVAC components.

This system also allows users to change the room's pressurization and isolation status by selecting one of three modes:

- Negative Isolation
- No Isolation
- Positive Isolation

The secondary display is dedicated to displaying the room's isolation status in three distinct and unambiguous color screens.

CRC - Room Monitor

A **CRC-Room Monitor** (primary display) can be connected and interact directly with your HVAC system to change an isolation room's pressurization based on the mode that is selected.

Furthermore, the CRC-Room Monitor's full color LCD touch screen gives a clear indication of room pressure status, displays actual differential pressure, and sounds an audible alarm if isolation room pressure changes. The high-resolution CRC-Room Monitor measures pressure differential with superior accuracy (.4% F.C.) giving clear and concise monitoring and control.

The CRC-Room Monitor is designed to monitor and control all of your isolation room's environmental controls including:

- **Condition Display**
- **Room Temperature Sensor** (room temp.)
- **Differential Pressure Sensor** (room pressure)
- **Supply Terminals** (supply flow)
- **Exhaust Unit** (exhaust flow)
- **Exhaust Valve** (exhaust flow)
- **H.E.P.A. Filter Unit** (supply or exhaust)
- **Room Humidity Sensor** (room humidity)
- **Door switch** (door contact)

Benefits of CRC-RM and CRC-CD:

- Increase the safety of your patients, staff, and visitors
- Improve room utilization
- Increase the esthetics of your facility

CRC - Room Monitors and Condition Displays Are Designed For Use In:

- **Hospitals**
- **Clinics**
- **Laboratories**
- **Pharmacies**
- **Manufacturing**
- **Clean Rooms**
- **Surgical Suites**
- **Isolation Rooms**
- **Neonatal Suites**
- **Intensive Care Units (ICU)**
- **Cardiac Care Units (CCU)**
- **Special Procedure Rooms**

CRC - Condition Displays

The **CRC-Condition Display**, which is an extension device of the **CRC-Room Monitor**, is a three-state single-function screen dedicated to displaying the current infectious status of an isolation room.

The CRC-Condition Display automates the process of tracking and displaying the infectious status of an isolation room before, during, and after a room changeover. Its bright screen (readable even in direct sunlight) will display one of the three following states:

- **"Infectious Room - Authorized personnel only"** with a red background
- **"Room being Cleared - Do not enter"** with an amber background
- **"Room Cleared"** with a green background

All three screens can be customized with facility specific graphics.



Product Benefits

By displaying a clear and unambiguous status of a room's infectious state, your facility will assure the safety of your patients, staff, and visitors. In addition, it allows you to increase room utilization by giving a very clear prompt for hospital cleaning staff to clean and make-up isolation rooms immediately after a patient has been moved and the room has been cleared.

Along with greatly increasing the safety of your facility with superior control and display technology, the CRC-Room Monitor and CRC-Conditional Display will also add architectural esthetics and promote the concept to patients, doctors, staff, and visitors that your facility is committed to offering the latest in technology and health care service.

In addition to the controls and displays that monitor on a room level, Critical Room Control offers a complete facility management system (**CRC - Room Management Display**) that allows you to set and monitor the environmental elements of all of your rooms in one application.

Imagine that you have the ability to personalize your operating suites based on individual surgeon's environmental preferences, and that it can be done quickly and easily with the touch of a finger. Our Room Management Display System offers an intuitive and easy to use screens while providing advanced controls to maintain reliable, accurate, integrated airflow, humidity, temperature and room pressurization of multiple rooms.

At the touch of a finger the CRC-RMD allows you to quickly move between a broad overview of the entire facility to a specific patient room or operating suite. The CRC-RMD makes it easy to improve the safety, efficiency, and comfort of your facility. Please ask your CRC Representative for a brochure on the CRC-RMD product



Additional products that Critical Room Control offers:

- **CRC-RMD** Room Management Display
- **CRC-HFU** H.E.P.A. filter unit
- **CRC-PFU** Pre-Filter Unit
- **CRC-ST** Supply Terminal
- **CRC-EXU** Exhaust Unit
- **CRC-EXV** Exhaust Valve
- **CRC-RST** Room Static Transmitter
- **CRC-FAA** Fast Acting Actuator
- **CRC-RTS** Room Temperature Sensor
- **CRC-DTS** Duct Temperature sensor
- **CRC-DPS** Differential Pressure Sensor

For more information, call, email, or fax us your request. We are confident we have the product or service that will meet your requirements.

CRC

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330 East Kilbourn Avenue Milwaukee, Wisconsin 53202
Phone: 414.355.5523 Fax: 414.765.9504 Email: info@criticalroom.com

WWW.CRITICALROOM.COM