ACCUTROL® LLC

ICM™

Iso-Tek Central Monitor

Advanced Pressure Monitor for Technology Healthcare, Laboratories, Life Sciences

Innovative features for the ICM™

- 7-inch Color Touchscreen Display For Easy Viewing and Navigation
- Intelligent Auto Discovery Feature Reduces Installation Time
- Displays up to 8 spaces with 5 parameters
- Simple Setup Wizard
- User Friendly Interface
- Visual and Audible Alarm Indication
- Works with Nitrile Gloves
- View Polarity, Pressure, Door Status
- View Temperature, Humidity, ACH, Supply Air, Exhaust Air*
- Communicates outside of BAS reducing network traffic

When connected to Accutrol's BACnet enabled room pressure monitor

Contents and specifications are subject to change without notice.

The Accutrol Iso-Tek Central Monitor (ICM™) provides enhanced room pressure monitor data for healthcare and laboratories. The ICM offers a 7" color Touchscreen Display. This product can display data for up to 8 different isolation rooms, operating rooms, and other hospital applications as well as in laboratories and other support spaces.
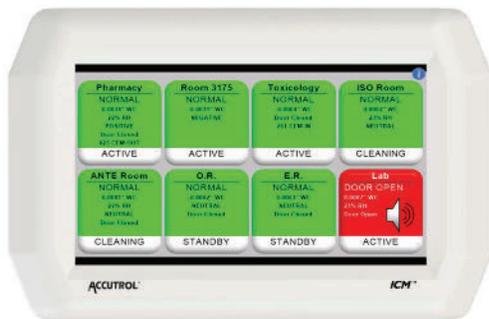
The ICM uses simple configuration windows to autodiscover data from up to 8 different Iso-Tek pressure monitors. Wiring is as simple as daisy chaining devices together on the Accutrol Device Network (ADN). This high-speed network will automatically identify all pressure monitors and their associated room information.

Features and Benefits

The ICM design incorporates the following:

7" Color Touchscreen Display

The landscape oriented resistive display can easily be used with nitrile gloves or the bare hand. Bold bright visual indicators ensure the room status is clearly indicated from a distance.

Display up to 40 Critical Data Points

Enabling room data from the Iso-Tek Room Pressure Monitor allows it to be displayed on the Iso-Tek Central Monitor. You can display up to 5 parameters including the following: Room Pressure, Operating Mode, Room Polarity, Alarm Status, Door Status, Relative Humidity, Air Change Rate, Supply Airflow, and/or Exhaust Airflow. Room data shown on the Iso-Tek Central Monitor must first be enabled on the Iso-Tek Room Pressure Monitor.

Configuration can be made as simple as indicating the alarm status with animated visual and audible alarms. The Iso-Tek Central Monitor can be configured for any application including a Nurse Station, Duplicate Display, Clone Pressure Monitor, Clean Room Status Panel or other type of Human Machine Interface.

Discover Up To 8 Rooms

Use the simple touchscreen menu to select the data needed for the application. Save personalized data blocks to the display which can be adjusted or relocated on the display at any time.

High Speed Device Network

The communication bus connects the Iso-Tek Central Monitor to the IO modules of the Iso-Tek Pressure Monitors seamlessly. Changes in the room are instantly reflected on all Displays. View the communication status of up to 8 pressure sensors on the network and of other environment data points.

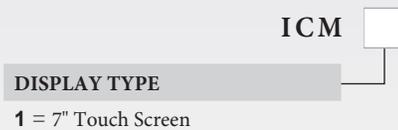8 Iso-Teks Shown Linking to 1 ICM

Intelligent Setup Wizard

Animated on screen instructions will guide the user through configuration, eliminating the need for any additional text entry fields or complex programming tools.

Specifications

Input Power	24VAC +/- 20%, 5.25VA, 50-60Hz or 24 VDC +/- 10% 3.5W
Connections	Input Power: 2-pos pluggable terminal, 14-30AWG range
	Accutrol Device Network: 3-pos pluggable terminal,14-30AWG range
	USB 2.0, Isolated, Type C Conn.,for reprogramming only
Display	7" with active area 6.49" x 3.937" (164.9mm x 100mm)
	LCD-TFT Resistive touch display with LED backlight
	RGB 65K colors, 800 x 480 resolution
Speaker	audible notifications, 550~18KHz, 83dBA SPL@ 1W/0.5M
Operating Temp Range	-4 to 150 deg F (-20 to 65 deg C)
Storage Temp Range	-40 to 185 deg F (-40 to 85 deg C)
Humidity	10 to 90% non condensing
Accutrol Device Network (ADN)	Up to 8 lso-Tek IO Modules can be connected to 1 ICM via ADN
	ICM EOL termination set via touchscreen
	lso-Tek EOL termination set via jumper on lso-Tek IO Module
Materials	ABS Plastic UL94-VO
	RoHS Compliant

Central Monitor Ordering Guide

ICM [ ]

DISPLAY TYPE

1 = 7" Touch Screen

Your representative is: