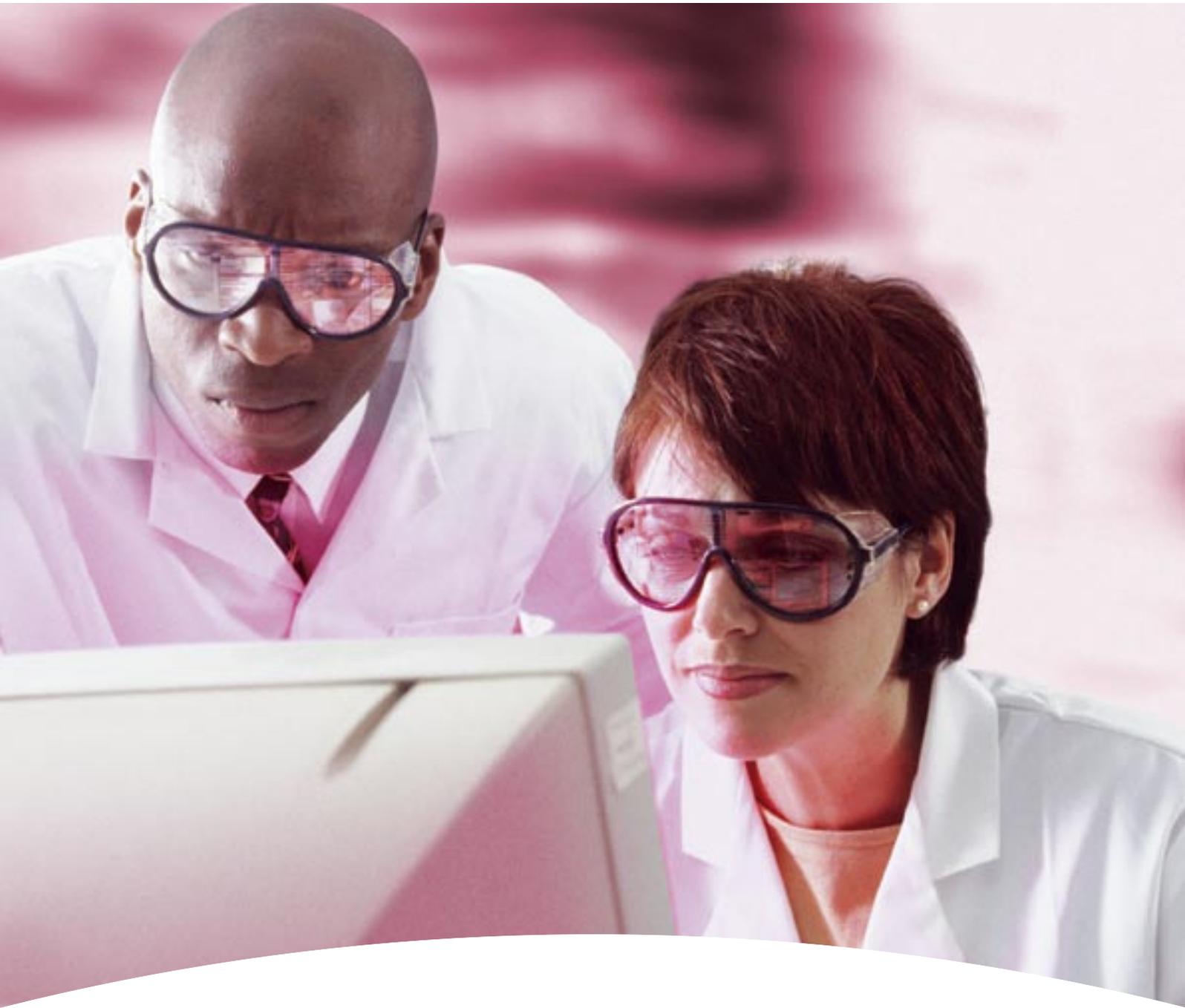


MDA Scientific CM4 Rack Mounting System

Honeywell



Custom-designed enclosure system holds up to 7 CM4s in a single, preassembled unit

CM4 Rack Mounting System



Features

- **Standard 19" Mounting**
Permits inclusion of other instrumentation up to a 448-point control card system can be accommodated
- **Pre-Plumbed**
Dramatically reduces installation cost and time
- **Compact Footprint**
Permits 28 points of CM4 detection in a 60 x 20cm (2 x 3 ft) area
- **Sample Port Bulkhead**
Provides quick and neat installation
- **5 Unit + Printer Design**
Easily archives events from five or more units
- **Integral Tubing Carrier**
Ensures tubing flexibility and integrity
- **Caster Option**
Reduces footprint required for service
- **Convenient I/O Hookup**
Permits unit service without rewiring

This custom-designed enclosure system holds as many as 7 CM4s (28 points) in a single, preassembled unit. This system can also include other 19-inch rack mount devices such as Sieger System 57. An optional printer version can archive data from 5 or more CM4s in a clear and convenient format. The pre-plumbed unit makes CM4s truly “plug and play.”



Technical Specification



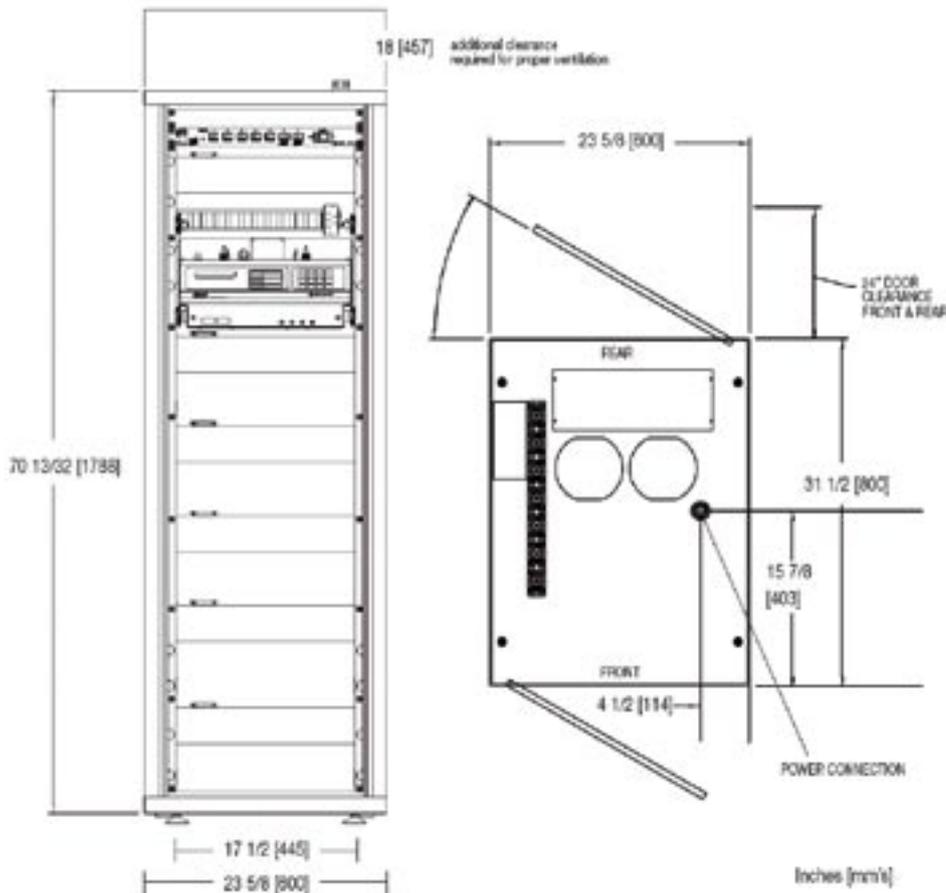
Specification

Power Requirement	110/ 230 VAC 20 Amps max
Power Entry	Top 3/4" [20mm] NPT
Height (w/fan clearance)	89 3/32" [226.3cm]
Width	23 5/8" [60.0cm]
Depth	31 1/2" [80.0cm]
Clearances	See drawing
Weight	250 lbs (114kg)
Tubing Sample Inlet	3/16" [4.75mm] ID X 1/4" [6.35mm] OD FEP Teflon® 300' [91.44cm] Max line length
Exhaust	3/16" [4.75mm] ID X 1/4" [6.35mm] OD Polypropylene
Air Filter	Disposable, glass fiber (16" [406] x 24" [609]) Rated 800 cfm @ 300 fpm

Loading Capacity

Configuration	Qty of CM4	Qty of CM4-P	Qty of Printer & Share Box
1	5	2	0
2	3	3	0
3	1	4	0
4	3	2	1
5	1	3	1
6	0	4	1
7	7	0	0

Teflon is a registered trademark of E.I. DuPont de Nemours & Co.



MDA Scientific has developed a sophisticated range of highly sensitive gas detection equipment, designed to perform in ways that define new gas detection performance levels providing total solutions to protect people, improve production efficiency and reduce costs.

The MDA Scientific range of toxic gas detection



Single Point Monitor

The SPM overcomes the difficulty of ensuring that basic units for toxic gas monitoring are accurate and free of interference from environmental conditions or other chemicals, by using our interference-free Chemcassette® detection technique. The SPM can also be used outdoors and has heating and cooling options to suit environmental conditions.



Vertex

Vertex provides a flexible, cost-effective monitoring solution that can adapt to changing needs. Using advanced Chemcassette® software and optics technologies, Vertex can monitor from 8 to 72 points of gas detection, up to 9 gas families and more than 40 gases.



Model IR-148

The Model IR-148 detects solvents and gases such as HCFCs, HFCs and PFCs that are otherwise difficult to monitor without the effect of cross-interfering gases.



Midas®

Midas® can measure virtually all the toxic and flammable gases found in manufacturing and storage applications. The range is in fact a universal transmitter design that differs significantly from the Lifeline II range which had separate passive, extractive and pyrolyzer variants with different footprints and performance characteristics.



CM4

CM4 provides monitoring of toxic gases at four locations, up to 300 feet away – detection of ppb levels of toxic gases at multiple points. Points are monitored continuously. Leaks are detected within seconds.

Find out more

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IN-USA

The IN-USA range of microprocessor controlled analyzers detect trace amounts of ozone (O₃) gas. Systems can be configured with relays and different signal output options for integration within life safety networks. High levels of signal sensitivity and resistance to false alarm are enabled by the use of advanced ultraviolet (UV) lamp detection systems.



Chemcassette®

The Chemcassette® detection system is the heart of an MDA toxic gas monitoring system. Chemcassettes® use a dry reagent medium to collect and analyze air to detect gas leaks. When the Chemcassette® is exposed to a target gas, it changes color in direct proportion to the concentration of gas present. MDA Scientific monitors read color intensity changes and determine the gas concentration by comparison to a known gas response pre-programmed into the instrument.

Honeywell