



Thermo Scientific Gas Cylinder Monitor GM 2

RELIABLE GAS SUPPLY FOR
A VARIETY OF APPLICATIONS

Guaranteed Gas Supply

Our Gas Cylinder Monitor GM 2 ensures a constant supply of gas for a variety of applications. It prevents interruptions to the gas flow in the event of a gas cylinder becoming empty.

Applications

Laboratory equipment which requires a permanent and sustained supply of the gases CO₂, O₂ or N₂, for example, can be connected to the Gas Cylinder Monitor. The possible uses are wide and varied, ranging from CO₂ incubators to anaerobic incubators and from cabinets for aerobic and anaerobic atmospheres to vacuum drying ovens.

Function

The GM 2 has connections for two gas cylinders, one of which is used for the gas supply, while the second is a stand-by. As soon as the pressure in the supply cylinder reaches a specific minimum pressure, the GM 2 automatically switches over to the stand-by cylinder. This process can also be performed manually.

Thermo Scientific Gas Cylinder Monitor GM 2

Automatic monitoring

Acoustic and optical alarms inform the operator that a gas cylinder is empty. This gives the operator enough time to hook up a new gas cylinder, guaranteeing a constant supply of gas to the laboratory equipment. The acoustic alarm can be disabled by hand; the optical signal is switched off once the empty gas cylinder has been replaced with a full one. The GM 2 is equipped with a potential-free contact designed to connect the monitor to a central monitoring system or another warning system.

Safety in the event of a power failure

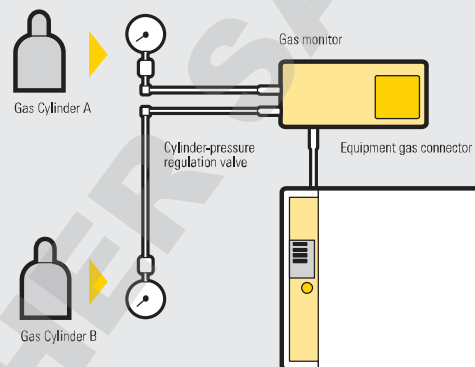
After a power failure, the GM 2 is automatically returned to its previous mode of operation as soon as power is restored.

Functional design

The GM 2 is small and compact. It is designed to be used as either a free-standing or a wall-mounted unit. The connecting elements are easy to access, regardless of the installation chosen. The operating and display elements have a straightforward arrangement and are easy to follow.

Easy to service

Vulnerable tubing has been eliminated from the design and construction, making the GM 2 exceptionally low in maintenance and easy to service.



When the first cylinder is empty, an alarm sounds and the monitor automatically switches over to the second cylinder. Several incubators can be connected to the gas monitor.



PRODUCT SPECIFICATIONS

TYPE	UNIT	DESCRIPTION
External Dimensions (W/H/D)	inches	8 x 4.75 x 3.75
Weight	lbs.	approx. 4.4
Voltage	V	~120/230 (switchable)
Frequency	Hz	50/60
International Protection		IP 20
Protection		Class I
Related Consumption	W	5
Fuse		T 16 A
Power Protection Switch		G 16

ORDERING INFORMATION

MODEL	CAT. NO.
Gas Cylinder Monitor GM 2, 120 V AC	50059043
Gas Cylinder Monitor GM 2, 230 V AC	50046033

© 2009 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries. Specifications, terms and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representative for details.

North America: USA/Canada +1 866 984 3766 (866-9-THERMO)

www.thermo.com/incubators

Europe: Austria +43 1 901 40 0, Belgium +32 2 482 30 30, France +33 2 2803 2180, Germany national toll free 08001-536 376, Germany international +49 6184 90 6940, Italy +39 02 02 95059 434-254-375, Netherlands +31 76 571 4440, Nordic/Baltic countries +358 9 329 100, Russia/CIS +7 (812) 703 42 15, Spain/Portugal +34 93 223 09 18, Switzerland +41 44 454 12 12, UK/Ireland +44 870 609 9203

Asia: China +86 21 6865 4588 or +86 10 8419 3588, India toll free 1800 22 8374, India +91 22 6716 2200, Japan +81 45 453 9220, Other Asian countries +852 2885 4613

Countries not listed: +49 6184 90 6940 or +33 2 2803 2180

DSC02GM2 1009

Thermo
SCIENTIFIC