



Thomas Ladisch Associates
 Manufacturer of Quik-Stop® Products

Magne-Cal™ Model MC-951-MDI

The **Quik-Stop® Magne-Cal™** Drop in panel provides for mounting and utilization of room pressurization devices used to determine differential pressure between areas in semiconductor cleanroom and biopharmaceutical facilities.

The **Magne-Cal™** panel provides a stable mounting surface eliminating the effects of gravity on the pressure capsule used to sense the minute room pressure changes.

The **Magne-Cal™** panel provides for easy and accurate calibration of these gauges without removal of the gauge or the process lines connected to the gauge.



Feature	Benefit
Stainless Mounting Panel	Panel can be mounted directly into existing 4.5" diameter Mechanical Gauge Cutout.
Waterproof Design	Design and installation of components prevents damage from liquids.
O Ring Seals	All devices are mounted with O Ring seals to prevent air bypass leakage
Stainless Fasteners	Panel is mounted using fasteners located inside the door, no external fasteners creating cleaning issues
Engraved Template	Reverse engraved text clearly indicates functions and presents a smooth outer surface with high visibility
Calibration Ports	High Pressure and Low Pressure valved and threaded ports for hands free operation. Screwing on the calibration connectors switches the valves from process source to calibration source.
Process Isolation	Proprietary valve design seals process source before transferring to the calibration source.
Test Connector	Watertight connector permits front panel access to the 4-20mA current loop or HART protocol for calibration.

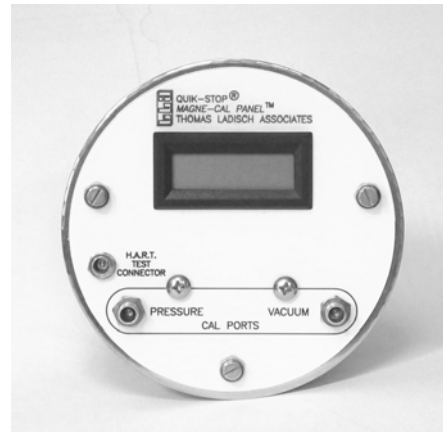
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Specifications and Details

Material Specifications

Component	Material
Mounting Panel	304 Stainless
Engraving Template	Acrylic
Fasteners	PH18-8 SS
O-Rings & Seals	EPDM
Calibration Ports	Nickel Plated Brass and Brass
Pressure Sensor	Rosemount Series 951
Display Meter	3 1/2 digit LCD Meter (ABS)



Dimensions

Diameter	5" (127 mm)
Cutout Diameter	4 9/16" (116 mm)
Projection from Mounting Surface	1/2" (12 mm)
Depth Behind Mounting Surface	3 1/2" (89 mm)
w/Enclosure DM-* ENC 4"	(102 mm)

Note 2 Specify optional text up to three lines of 16 characters including blanks. Proof copy will be submitted for approval before production. Approval will constitute release for production. Delivery schedule will commence upon approval.

Accessories

Item	Materials	Part Number
Ceiling Tile Port (1/4" OD Tube)	304 Stainless	DM-EP-CT
GWB Pressure Port (1/4" OD Tube)	304 Stainless	DM-EP-GWB
Enclosure 5"(203) diameter by 4"(102) Deep	Painted Steel	DM-MDI-ENC
Quick Disconnect Calibration Connector	NP Brass	DM-QD
Electronic Test Connector w/1M lead	N/A	DM-TC

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