



# MG Multi-Gauge Controllers

## Low cost, compact, versatile control of multiple gauge types



bright blue LED dual display  
 19" rack mount, only 1U height  
 4 independent set-points for each channel  
 user defined channel names  
 'Creator' software interface  
 1000 mbar to  $10^{-12}$  mbar

### Creator Software

- standalone  
*drop in additional modules to control other devices*
- DLL or COM+ modules
- Web enabled

	CH1	CH2
<b>MG12</b>	any standard 0-10V	dual hot cathode/Pirani
<b>MG13</b>	any B-A	any standard 0-10V
<b>MG14</b>	any B-A or any extractor type	any standard 0-10V

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## MG Series Multi-Gauge Controllers

### Specifications

	MG12	MG13	MG14
<b>Measurement Channels</b>	2	2	2
<b>Supported gauges</b>			
<b>CH1</b>	any Analogue (0-10V standard)	any Dual Ion/Pirani (0-10V standard)	any Bayard-Alpert or Extractor Gauge
<b>CH2</b>	any Dual Ion/Analogue (0-10V standard)	any Bayard-Alpert	any Analogue
<b>Measurement Range</b>	1x10 <sup>-11</sup> - 1000 mbar	1x10 <sup>-11</sup> - 1000 mbar	2x10 <sup>-12</sup> - 1000 mbar
<b>Display</b>	bright LCD 2 x 20 characters 10mm character height	bright LCD 2 x 20 characters 10mm character height	bright LCD 2 x 20 characters 10mm character height
<b>Measurement units</b>	mbar, Pa, torr, micron	mbar, Pa, torr, micron	mbar, Pa, torr, micron
<b>Setpoints</b>	4 x normally open individually settable for each channel	4 x normally open individually settable for each channel	4 x normally open individually settable for each channel
<b>Hysteresis</b>	adjustable	adjustable	adjustable
<b>Dimensions</b>	240 x 260 x 400 mm (19" rack, 1U height)	240 x 260 x 400 mm (19" rack, 1U height)	240 x 260 x 400 mm (19" rack, 1U height)
<b>Weight</b>	approx. 1kg	approx. 1kg	approx. 1kg
<b>Supply</b>	90-240VAC, 50-60Hz	90-240VAC, 50-60Hz	90-240VAC, 50-60Hz
<b>Operating Temperature</b>	5-50°C	5-50°C	5-50°C
<b>Communications interface (choose one only)</b>	RS232/485, USB, Profibus, WAN, CANBUS	RS232/485, USB, Profibus, WAN, CANBUS	RS232/485, USB, Profibus, WAN, CANBUS

### Creator Software

Prevac Creator Software is a new concept in vacuum system and device control.

Install Creator and immediately begin to control, display, store and recall data for any MG Series Gauge Controller. Add further Prevac devices in the future (e.g. pump/valve or instrument controllers) and simply activate the corresponding modules in the same software window for single platform control.

Alternatively, plug in the DLL or COM+ module to use directly from your existing platform, including SeS, SpecsLab2, LabView & LabWindows.



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