MG 15

Ion Multi Gauge Controller

The **MG15** is able to support up to **three passive gauges**, extending the measurement range to **2×10^{-12} mbar.** The unit is fully software controlled.

FEATURES

- **Measurement range from atmospheric to 2×10^{-12} mbar**
- Pressure plots
- Pressure trend graphs
- Measurement filtering (low, med, hi)
- Controls almost all commercially available Bayard-Alpert gauges
- Degassing of Bayard-Alpert with power and time limit
- Supports Ir/W/Thoria filaments
- Bayard-Alpert overpressure protection
- Selectable measurement units: mbar, Torr, Pascal, psia
- Gas specific correction with one customized setting
- Unit over-temperature protection
- 10 individually programmable setpoints with threshold and hysteresis functions
- User-defined channel names

APPLICATIONS

- Any high and ultra high vacuum systems
- Measurement of ultimate pressure (from atmosphere to UHV range)
- Bakeable and non bakeable systems

Measurement channels:	up to 7 (active channels: 4; passive channels: up to 3 - number defined at the time of order)
Supported active gauges*	CTR90, TTR91, TTR211, PTR225, PKR251, PCR280, PTR90, ITR90, ITR100, Baratron, ANALOG IN, MKS 937A, PG105, ATMION
Supported passive gauges	B-A, IE414, IE514
Measurement range	2×10^{-12} mbar - passive channel | 5×10^{-10} - active channel
Display range	2×10^{-12} - 2×10^{5} mbar
Setpoints relay outputs	10 (4xNO/NC, 6xNO)
Relay outputs with configurabe activation signal	4 (Emission, Degas)
Digital inputs	4
Analog outputs	4 (0 - 10V)
Supply	100 - 240 VAC, 50 - 60 Hz
User interface	7" TFT display with touchscreen
Communication interface	RS232/485, EtherNet, PROFINET (option)
Dimensions	212.6 x 128.4 x 260.3 mm (WxHxD), 1/2 of 3HE 19"

* prepared to support many others custom gauges

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If you need any further information, please do not hesitate to contactour sales department

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