



Multi-Channel Vacuum/Pressure Gauge

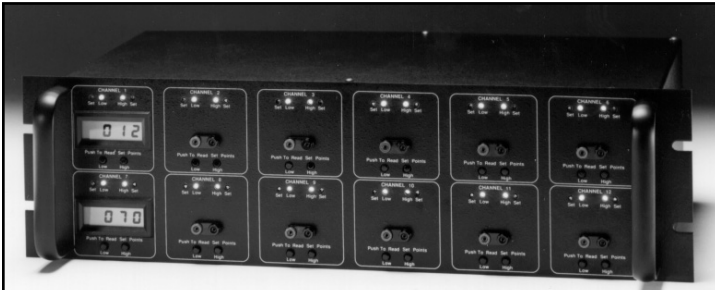


Photo shows a basic chassis with 12 modules. All of these have dual set points and the two on the left have the optional digital display.

The Multi-Channel Gauge was developed for those systems with a number of pressures to measure but which may not have the budget or space for individual gauges. These are the same modules used in our standard gauges, so any range listed in this catalog is also available in the Multi-Channel System:



Standard sensors include KF, Conflat®, and Class 1 Group C or D, Division 1 Explosion Proof

- .01 to 100 mTorr
- .01 to 20 Torr
- 30" Hg to 150.0 PSIG
- 1 to 2000 mTorr
- 1 to 1500 Torr
- 0 to 20 and/or 200 PSIG

- Choose From 3 to 12 Independent Channels
- Select Any Mix of Pirani or Diaphragm Sensors
- Ranges From 10⁻⁵ to 1500 Torr Available
- A Linear Analog Output From Each Channel
- Serial I/O, 15 Channels/Second Is Available
- Digital Display And Dual Set Points Optional
- Gauge Tube Cables Up To 500 Feet (150 m)

You can have any mix of ranges and sensor styles in a Multi-Channel chassis. For example: in the same chassis you could have 4 Pirani modules with .01 to 100 mTorr range, 6 Pirani modules with a 1 to 2000 mTorr range, 2 Diaphragm modules with 1 to 1500 Torr range. Every module provides a linear analog output and you can add a digital display and dual adjustable set points to any or all modules.

The use of our standard modules also means that any of the Gauge Tubes in this catalog can be used with our Multi-Channel System. NW, VCR, NPT and Conflat® flanges are available as well as Explosion Proof Tubes for Class 1, Group C or D, Div. 1 areas.

Like all Vacuum Research Gauges, sensor leads up to 500 feet (150 m) can be accommodated.

Ordering Information

Multi-Channel Gauge Basic Chassis **\$583.**

Basic chassis is 19 inch rack width by 5.25 inches high (483 x 133 mm). 65 inch (1.6 m) line cord is attached. Specify 115 or 220 VAC. Each chassis can accept any mix of up to 12 channel modules.

Channel Modules Select up to 12 modules for each basic chassis. Gauge tubes and sensors are not included and can be ordered from this catalog with NW, VCR, NPT or Conflat® flanges for general purpose or Class 1, Group C or D, Div. 1 Explosion proof areas.

Channel Module Range & Sensor Type	Linear Analog Output Only		Analog Out Plus Dual Set Points		Analog Out & Set Points plus Digital Display	
	Part No.	Price	Part No.	Price	Part No.	Price
.01 to 100 mTorr Pirani	912143	\$298.	912146	\$457.	912139	\$684.
1 to 2000 mTorr Pirani	912144	\$298.	912147	\$457.	912140	\$493.
.01 to 20 Torr Pirani	912145	\$298.	912148	\$457.	912141	\$525.
1 to 1500 Torr Diaphragm	912031	\$298.	912033	\$457.	912142	\$509.
30 in Hg to 150.0 PSIG Diaphragm	912130	\$339.	912131	\$498.	912132	\$567.
0 to 20 PSIG Diaphragm	912133	\$298.	912134	\$457.	912135	\$509.
0 to 200 PSIG Diaphragm	912136	\$298.	912137	\$457.	912138	\$509.