











InstruTech® Quick Product Selection Guide – Vacuum Gauge Modules & Sensors

Model	Vacuum Gauge Type	Measurement Range	Controller	Display	Display Units	Analog Output	Setpoint Relay	Serial Com
IGM401 Hornet™ 	Miniature B-A Hot Cathode Ionization Gauge Module More info	1.0×10^{-9} to 5×10^{-2} Torr 1.3×10^{-9} to 6.7×10^{-2} mbar 1.3×10^{-7} to 6.7 Pa	Built-in	1 Channel OLED	Torr, mbar, Pa	1	1	RS485
IGM402 Hornet™ 	Miniature B-A Hot Cathode Ionization Gauge Module with Dual Convection Gauges More info	1.0×10^{-9} to 1000 Torr 1.3×10^{-9} to 133 mbar 1.3×10^{-7} Pa to 133 kPa	Built-in	3 Channel OLED	Torr, mbar, Pa	3	3	RS485
CCM501 Hornet™ 	Cold Cathode Double Inverted Magnetron Ionization Gauge Module More info	1.0×10^{-8} to 1×10^{-2} Torr 1.3×10^{-8} to 1.3×10^{-2} mbar 1.3×10^{-6} to 1.3 Pa	Built-in	1 Channel OLED	Torr, mbar, Pa	1	1	RS485
BA602 	Nude Bayard-Alpert Ionization Gauge Sensor More info	4.0×10^{-10} to 1.0×10^{-3} Torr 5.3×10^{-10} to 1.3×10^{-3} mbar 5.3×10^{-8} to 1.3×10^{-1} Pa	See FlexRax Controller	Sensor only See FlexRax	none	none	none	none
BA603 	Glass Bayard-Alpert Ionization Gauge Sensor More info	4.0×10^{-10} to 1.0×10^{-3} Torr 5.3×10^{-10} to 1.3×10^{-3} mbar 5.3×10^{-8} to 1.3×10^{-1} Pa	See FlexRax Controller	Sensor only See FlexRax	none	none	none	none
CVM211 Stinger™ 	Convection Gauge Module More info	1.0×10^{-4} to 1000 Torr 1.3×10^{-4} to 1333 mbar 1.3×10^{-2} Pa to 133 kPa	Built-in	1 Channel LED	Torr / mTorr bar / mbar	1	1	none
CVM201 Super Bee™ 	Convection Gauge Module More info	1.0×10^{-4} to 1000 Torr 1.3×10^{-4} to 1333 mbar 1.3×10^{-2} Pa to 133 kPa	Built-in	1 Channel LCD	Torr / mTorr bar / mbar Pa	1	2	RS232 & RS485
CVG101 Worker Bee™ 	Convection Gauge Sensor More Info	1.0×10^{-4} to 1000 Torr 1.3×10^{-4} to 1333 mbar 1.3×10^{-2} Pa to 133 kPa	See VGC301 B-RAX , FlexRax Controllers	Sensor only See VGC301, B-RAX or FlexRax	none	none	none	none

See additional products listed below

InstruTech® Quick Product Selection Guide - Rack Mount Vacuum Gauge Controllers

Model	Vacuum Gauge Type	Measurement Range	Controller	Display	Display Units	Analog Output	Setpoint Relay	Serial Com
FlexRax™ 4000 	Multi-Gauge Controller - operates up to 4 ion gauges, 4 convection gauges and 2 capacitance diaphragm gauges More Info	4.0×10^{-10} to 1000 Torr 5.3×10^{-10} to 1333 mbar 5.3×10^{-8} Pa to 133 kPa	Rack/Panel	Up to 10 channels LCD with backlighting	Torr, mbar, Pa	up to 8	up to 16	RS232 & RS485
B-RAX™ 3000 / 3100 	Multi-Gauge Controller - operates 1 ion gauge and 2 convection gauges More Info	1.0×10^{-9} to 1000 Torr 1.3×10^{-9} to 1333 mbar 1.3×10^{-7} Pa to 133 kPa	Rack/Panel	3 Channel OLED	Torr, mbar, Pa	1	3	none
VGC301 	Convection Gauge Controller More Info	1.0×10^{-4} to 1000 Torr 1.3×10^{-4} to 1333 mbar 1.3×10^{-2} Pa to 133 kPa	Built-in	1 Channel LCD	Torr / mTorr bar / mbar Pa	1	2	RS232 & RS485



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