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

Products	Vacuum Gauge Technology	Measurement Range	Controller	Display	Display Units	Analog Output	Setpoint Relay	Serial Com
IGM401 *Hornet™*	Miniature B-A Hot Cathode Ionization Gauge Module More info	1×10^{-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 Gauge Control More info	1×10^{-9} to $1,000$ Torr 1.3×10^{-9} to $1,333$ 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	1×10^{-9} to 1×10^{-2} Torr 1.3×10^{-9} to 1.3×10^{-2} mbar 1.3×10^{-7} to 1.3 Pa	Built-in	1 Channel OLED	Torr, mbar, Pa	1	1	RS485
BA601	Nude UHV EB degas Bayard-Alpert Hot Cathode Ionization Gauge Sensor More info	2×10^{-11} to 1×10^{-3} Torr 2.7×10^{-11} to 1.3×10^{-3} mbar 2.7×10^{-9} to 1.3×10^{-1} Pa	See FlexRax Controller	Sensor only See FlexRax	none	none	none	none
BA602/BA603	Glass/Nude I²R Bayard-Alpert Hot Cathode Ionization Gauge Sensor More info	4×10^{-10} to 1×10^{-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	1×10^{-4} to $1,000$ Torr 1.3×10^{-4} to $1,333$ 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	1×10^{-4} to $1,000$ Torr 1.3×10^{-4} to $1,333$ mbar 1.3×10^{-2} Pa to 133 kPa	Built-in	1 Channel OLED	Torr / mTorr bar / mbar Pa / kPa	1	2	RS232 & RS485
CVG101 *Worker Bee™*	Convection Gauge Sensor More Info	1×10^{-4} to $1,000$ Torr 1.3×10^{-4} to $1,333$ 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 the other side for additional products ⟶

InstruTech® Quick Product Selection Guide - Rack Mount Vacuum Gauge Controllers								
Model	Vacuum Gauge Technology	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 may display pressure measured by up to 2 other devices such as capacitance diaphragm gauges More Info	2×10^{-11} to 1,000 Torr 2.7×10^{-11} to 1,333 mbar 2.7×10^{-9} Pa to 133 kPa	Rack/Panel	Up to 10 channels LCD with backlighting	Torr, mbar, Pa	up to 8	up to 16	RS232 & RS485
New B-RAX™ 3300	Multi-Gauge Controller - operates 1 Glass or Nude I^{2}R hot cathode ion gauge and 2 convection gauges More Info	4×10^{-10} to 1,000 Torr 5.3×10^{-10} to 1,333 mbar 5.3×10^{-8} Pa to 133 kPa	Rack/Panel	3 Channel OLED	Torr, mbar, Pa	3	6	RS232 & RS485 & Digital I/O
New B-RAX™ 3200	Multi-Gauge Controller - operates 1 hot cathode IGM400 or cold cathode CCM500 ion gauge module and 2 convection gauges More Info	1×10^{-9} to 1,000 Torr 1.3×10^{-9} to 1,333 mbar 1.3×10^{-7} Pa to 133 kPa	Rack/Panel	3 Channel OLED	Torr, mbar, Pa	3	6	RS232 & RS485 & Digital I/O
VGC301	Single Channel Convection Gauge Controller- operates one CVG101 Worker Bee sensor More Info	1×10^{-4} to 1,000 Torr 1.3×10^{-4} to 1,333 mbar 1.3×10^{-2} Pa to 133 kPa	Built-in	1 Channel OLED	Torr / mTorr bar / mbar Pa / kPa	1	2	RS232 & RS485

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