








InstruTech Quick Product Overview

| Model | Vacuum Gauge Type | Measurement Range | Controller | Display | Display Units | Analog Output | Set point Relays | Digital Communications |
|--|--|--|--|----------------|--------------------------|---------------------|------------------|------------------------|
|  IGM401 "Hornet" | Miniature Ionization | 1 x 10 ⁻⁹ to 5 x 10 ⁻² Torr 1.3 x 10 ⁻⁹ to 6.7 x 10 ⁻² mBar 1.3 x 10 ⁻⁷ to 6.7 Pa | Built-in | 1 Channel OLED | Torr, mBar, Pa | 1 | 1 | RS485 |
|  IGM402 "Hornet" | Miniature Ionization with Dual Convection - Operates one built-in Ionization gauge and two Convection gauges | 1 x 10 ⁻⁹ to 1000 Torr 1.3 x 10 ⁻⁹ to 1,333 mBar 1.3 x 10 ⁻⁷ Pa to 133 Kpa | Built-in | 3 Channel OLED | Torr, mBar, Pa | 3 | 3 | RS485 |
|  B-RAX 3000/3100 | Multi-Gauge Controller Operates one InstruTech IGM-400 Ionization gauge and two Convection gauges. | 1 x 10 ⁻⁹ to 1000 Torr 1.3 x 10 ⁻⁹ to 1,333 mBar 1.3 x 10 ⁻⁷ Pa to 133 Kpa | Rack or Panel mount | 3 Channel OLED | Torr, mBar, Pa | 1 (B-RAX 3100) | 3 | none |
|  CVM211 "Stinger" | Convection Module | 1 x 10 ⁻⁴ to 1000 Torr 1 x 10 ⁻⁴ to 1333 mBar 1 x 10 ⁻² Pa to 133 KPa | Built-in | 1 Channel LED | Torr/mTorr, Bar/mBar | 1 | 1 | none |
|  CVM201 "Super Bee" | Convection Module | 1 x 10 ⁻⁴ to 1000 Torr 1 x 10 ⁻⁴ to 1333 mBar 1 x 10 ⁻² Pa to 133 KPa | Built-in | 1 Channel LCD | Torr/mTorr, Bar/mBar, Pa | 1 | 2 | RS485 + RS232 |
|  VGC301 "Controller" | Convection Gauge Controller | 1 x 10 ⁻⁴ to 1000 Torr 1 x 10 ⁻⁴ to 1333 mBar 1 x 10 ⁻² Pa to 133 KPa | Rack or Panel mount | 1 Channel LCD | Torr/mTorr, Bar/mBar, Pa | 1 | 2 | RS485 + RS232 |
|  CVG101 "Worker Bee" | Convection Gauge Tube | 1 x 10 ⁻⁴ to 1000 Torr 1 x 10 ⁻⁴ to 1333 mBar 1 x 10 ⁻² Pa to 133 KPa | N/A Connects to VGC301 Controller or existing Granville Phillips Controller | N/A | N/A | None Sensor only | none | none |

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