# APOLLO *Vacuum Controller*



## Vacuum Readings

Drive and combine up to 3 of your sensors | Save space, money, and avoid confusion by combining multiple tasks into one device.

## Vacuum Control

Can control vacuum with bleed or throttle valves from 10mT – 760T.

## Modular

Can be configured with up to 4 expansion boards to control multiple gauges at one time | Accepts different inputs based on driver board and sensor election | Possible different outputs including: analog recorder, USB, Wireless, SPDT relays and beed valve.

## Wide Range Accuracy

Configured with sensors based on the accuracy and range required to sense vacuum and display the pressure reading in user selectable units of Torr, mbar, or kilopascal.

## Calibrated

Every Apollo is calibrated and pretested under actual vacuum against a NIST standard.
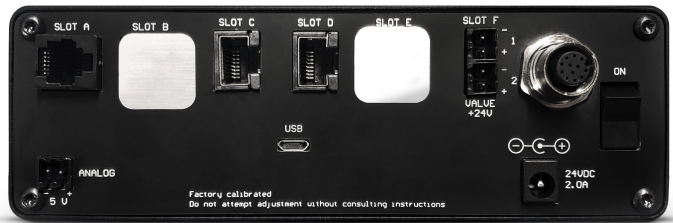
## Applications

Transfer Standard for calibrating other vacuum instruments, main reference gauge, research, and in-house standard.

## WiFi Access

Can be used to view graph and plot historical data with VacuumNetwork.org, and as a vacuum transmitter to cloud-based services.

## Optional Bleed Type Vacuum Control

Controls vacuum level at a particular set-point between 30 milliTorr and 2000 milliTorr.

## SPECIFICATIONS

| | |
|---|---|
| **Power** | 100-240VAC 50/60Hz CE Rated |
| **Vacuum Interface** | 1/8" Male NPT or KF/NW |
| **Sensor** | Dependent on sensor(s) installed |
| **Range** | Dependent on sensor(s) installed |
| **Units** | Torr, mbar, kPa |
| **Mount** | Bench top or pole |
| **Display** | 7" touch screen display |
| **Dimensions** | Display - 8" x 5.5" x 0.5"<br>Base - 6.5" x 6.5" x 2.5" |
| **Controls** | 7 amp, 250 Volt (If applicable) |
| **Telemetry Options** | USB, Wifi |

## SENSORS SUPPORTED BY APOLLO

| | |
|---|---|
| **Inficon** | PSG500, PSG550, Porter, SKY, Stripe, MAG, MPG & MPG400 |
| **Pfeiffer** | PKR251, IKR251 |
| **Varian/Agilent** | FRG700, PCG-750, PCG700, 531, 536, 531 equivalent, or PVG 500 |
| **Setra** | 730 capacitance manometers |
| **MKS** | 722A, 722B, & 626 capacitance manometers, AA01, AA02, 523 |

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