



VG200W

BLACKMAX® VG200W WIRELESS VACROMETER

The BlackMax Wireless Vacrometer is a precision digital vacuum gauge for evacuating refrigerant systems and heat pumps, obtaining vacuum data, analyzing baseline pressure or during pumpdowns. Conveniently display, store, and send vacuum data in Microns, Torr, in/hg or mBar onsite or from a distance when connected with patented CPS Link™ for mobile devices. Seamlessly integrates with all BlackMax® Digital Wireless Manifolds.

Advanced surface mount technology automatically compensates for ambient changes in the environment ensuring accuracy and consistency in performance. Advanced field-cleanable sensor is able to withstand 400 PSI of positive pressure. Operates 30 hours on 9V alkaline battery with low battery indicator and auto off feature.

KEY FEATURES:

- Patented modular test and measurement system technology (US Patent No. 9,043,161)
- Store and send job data
- Set low and high alarms from your mobile device
- Graph feature displays vacuum and time data to identify system status
- Vacuum analytics for quickly identifying vacuum pressure trends
- Advanced sensor design with self-heated thermistor bridge and automatic temperature compensation
- Field cleanable sensor designed to withstand 400 Psi of positive pressure
- Includes AVT45 gauge adapter, VGXH hanging hook and VGXC carrying case.
- Calibrated to strict NIST standards for best-in-class accuracy and reliability
- Designed and manufactured in the USA with US and foreign components.
- Seamless integration with BlackMax® Digital Wireless Manifolds





Specifications

| | |
|------------------------------|---|
| Type | Wireless for use with mobile device |
| Sensor Type | Self - heated thermistor bridge [with integral temperature compensation from 32 to 122° F (0 to 50° C)] |
| Frequency Range | 2.4 Ghz, ISM Band (Worldwide) |
| Accuracy | +/- 10% Of Reading |
| Display Type | 5 Digit LCD |
| Display Auto-Off | After 5 Minutes Of Operation |
| Display to Gauge Connection | Patented Wireless GPS Link™ Technology |
| Operating Vacuum Range | Atmospheric pressure to 0 microns |
| Maximum Working Pressure | 400 Psig (Connect to system only at 0 Psig) |
| Transmission Range | 30' (9.1m) |
| Operating Temperature Range | Compensated (accuracy as stated): 32°F - 122°F (0°C - 50°C) Non-compensated: Add +/- 0.5% error for every °C outside compensated range |
| Storage Temperature | -22° F to 185° F (-30° C to 85° C) |
| Operating & Storage Humidity | 0 - 95%, Non-condensing |
| Power Source | One 9V Alkaline Battery (ANSI 1604AC – IEC 6LR61), included |
| Battery Indicator | Battery symbol with 3 segment Power Level Bar Graph |
| Weight | 5.5 oz (156 g) |
| Dimensions | 2.7" dia. by 1.6" Dp x 5" H (68 mm Dia. x 40 mm Dp x 124 H) |
| Approvals | FCC, CE, ICES, AS/NZS |