



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 CPS 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



APL ASIA CO., LTD. Authorized Distributor
Address: 11/129-132 Moo.5 Lamlukka Rd., T.Kookut, A.Lamlukka, Pathumthani 12130 Thailand.
TEL: 0-2995-4461-4
Website: www.apl-asia.com
EMAIL: sales@apl-asia.com
LINE@: @APL-ASIA

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