VG200W Wireless Vacuum Gauge

The VG200W is a precision digital vacuum gauge for obtaining accurate vacuum measurements during evacuations of HVAC and refrigeration systems. It is also ideal for obtaining vacuum data while conducting time, target, dynamic and static vacuum tests. The VG200W may be used as a standalone gauge, or it may be paired with a mobile device (using the free CPS Link app) for greatly enhanced jobsite capabilities.
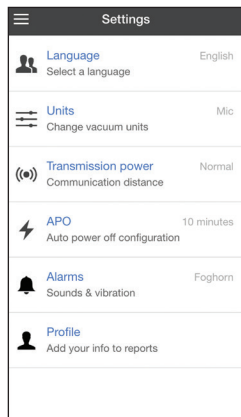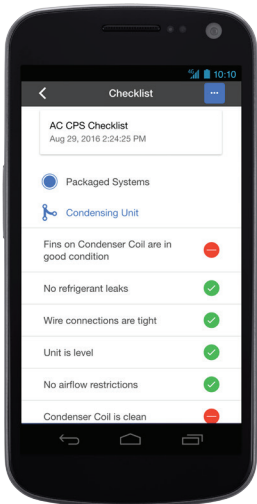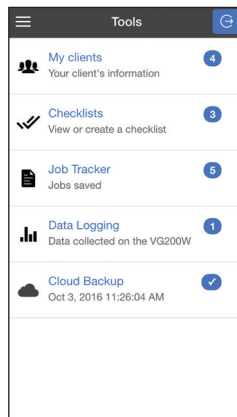
FEATURES:
- Large, 5 digit LCD display with low battery indicator
- Easy 2 button control (On/Off and Units)
- Select from 4 different vacuum units (at any time).
- Atmospheric to 0 micron pressure range
- Auto-Off after 10 minutes of no use
- Operates up to 20 continuous hours on one 9V alkaline battery (included)
- Compatible with all refrigerant gases (including ammonia)
- Field cleanable sensor
- Includes stainless steel T connector, hanger hook, vinyl storage case, and Quick Start Guide - all packed in a clear clamshell
- Designed and manufactured in the USA with US and foreign components

GREATER FUNCTIONALITY WHEN USED WITH CPS LINK™ APP
- Choose from 8 different languages to work in
- Log vacuum test data (viewable in real time graphs)
- Client Lists- Enter and retain client information
- Job Checklist- Create and retain job reminders
- Job Tracker- Create and retain record of services performed
- Geolocation- Record where (global coordinates) and when (time stamp) jobs performed
- Set low and high alarms
- Cloud backup of data

Settings Screen   Tools Screen
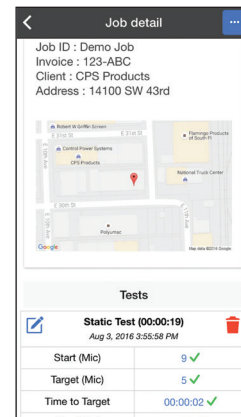
VG200W Wireless Vacuum Gauge

SPECIFICATIONS (STAND ALONE GAUGE)

Gauge Type	Digital Vacuum Gauge (use as standalone gauge, or pair with a mobile device)
Sensor Type	Self - heated thermistor bridge [with integral temperature compensation from 32° F to 122° F (0 to 50° C)]
Accuracy	Up to 2,000 microns = 10% of reading +/- 5 microns
Resolution	2000 microns : 98000 to 76000 50 microns : 9950 to 5000 1000 microns : 75000 to 50000 20 microns : 4980 to 1000 500 microns : 49500 to 25000 10 microns : 990 to 100 100 microns : 24900 to 10000 1 micron below 100
Display Type (Gauge)	LCD, 5 Digit
Display Auto-Off	10 minutes = default if no key pressed, no wireless connection, gauge not logging data
Operating Range	Atmospheric pressure to 0 microns
Selectable Vacuum Units (Gauge & Wireless Device)	Microns, Millibar, Inches Hg, Torr
Maximum Working Pressure	450 PSIG MWP, 3000 PSIG Burst (Connect to system only at 0 PSIG)
Operating Temperature Range (Compensated)	Accuracy as stated: 32°F to 122°F (0°C to 50°C)
Operating Temperature Range (Non-Compensated)	Add +/- 0.5% error for every °C
Operating Temperature Range (Outside Compensated)	-22° F to 158° F (-30° C to 70° C)
Operating & Storage Humidity	0 to 95%, Non-condensing
Storage Temperature Range	-40° F to 185° F (-40° C to 85° C)
Battery Type	One 9V Alkaline Battery (ANSI 1604AC – IEC 6LR61), included
Battery Life	Up to 20 hours continuous use
Battery Level Indicator	Battery symbol with 3 segments
Gauge Weight	5.5 oz (156 g)
Mechanical Connection (Stainless Steel)	Standard 1/4" female SAE refrigerant hose with core depressor
Gauge Adapter (Stainless Steel, Included)	1/4˝ SAE Male to 1/4" SAE Male to 1/4" SAE Female
Refrigerant Gas Compatibility	All (Including Ammonia)
Dimensions (Dia. x Depth x Height)	2.8" x 1.5" x 4.5" (71 mm x 38 mm x 114mm)
Approvals	FCC, CE, ICES
Origin	Designed and manufactured in USA with US and globally sourced components
Warranty	1 Year

SPECIFICATIONS (WHEN USED WITH CPS LINK™ APP & MOBILE DEVICE

Gauge To Wireless Device Connection	Patented Wireless CPS Link™ Technology (US Patent No. 9,043,161)
Wireless Range	Power: High = up to 250 ft. (76 m); Normal = Up to 175 ft. (53 m); Low = Up to 100 ft. (30 m)
Frequency Range	2.4 Ghz, ISM Band (Worldwide)
Auto-Off	10 minutes = defult if no key pressed, no wireless connection, gauge not logging data
Battery Indicator	Green = >40%; Yellow = >15%; Red = <15%
Selectable Languages	English, Espanol, Francais, Deutsch, Portuguese, Japanese, Russian, Hungarian
Perform Vacuum Tests	Time, Target, Dynamic, Static
Custom Alarms	To occur during vacuum tests
Create Client List	Enter and retain client information (name, address, phone, e mail, etc.)
Job Tracker	Create and retain record of services performed (vacuum tests, maintenance, new installation, etc.)
Job Checklist	Create and retain checklists (task reminders) for reference on current or future jobs
Log Data	Record vacuum test data (real time graphs)
Geolocation	Record (global) geographic co-ordinates and "time stamp" when/where job was performed
Create Invoice	Create and retain job invoices (with job data)
Share Data (E-Mail)	Conveniently store or send all data/job (files) to clients, home office, etc.
Cloud Backup	Securely back up all data on the cloud

Job Tracker Screen

Data Log Screen