



VGW-760

Digital vacuum gauge



User guide

INTRODUCTION

VGW-760 is equipped with a highly accurate professional sensor to ensure proper evacuation of HVAC/R systems, check system tightness, and verify the correct operation of vacuum pumps.

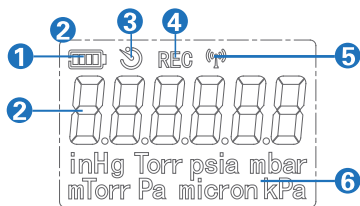
WARNING

- > Use VGW-760 only for evacuating HVAC/R systems, once the refrigerant has been fully recovered, in order to avoid damaging the sensor.
- > Please do not use chemical solvent or corrosive liquid to clean the gauge.
- > Please do not disassemble the gauge.
- > Remove the batteries if the gauge is not to be used for a long time in case the leakage corrodes the gauge.
- > ALWAYS TIGHTEN VGW-760 USING A SUITABLE WRENCH. NEVER APPLY FORCE TO THE DEVICE HOUSING.

SPECIFICATIONS

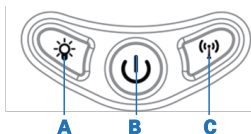
Measuring range	1 - 19000 microns	
Resolution	1 - 400 microns	1 micron
	400 - 3000 microns	1 micron
	3000 - 10000 microns	1 micron
Accuracy	10000 - 19000 microns	1 micron
	1-10000 microns $\pm 10\%$ of Reading ± 10 microns	
	10000-19000microns $\pm 20\%$ of Reading	
Power supply	3 AA batteries	
Time in use	120 hours	
Units	inHg, Torr, psia, mbar, mTorr, Pa, micron, kPa	
Operating temp.	0°F - 140°F (-17.8°C ~ 60°C)	
Wireless transmission distance	30 m	
Offline records >9000 points	9943 readings	
Fitting	1/4" SAE male female	
Product size	127*74*37mm	
Max overpressure	27.5 bar	

DISPLAY



1. Power level
2. Pressure
3. Auto-off
4. REC = recording
5. Bluetooth
6. Units

BUTTONS



Press and release

A: Backlight

B: on/off

C: Bluetooth on/ off

Press and hold

A: Switch units

B: No function

C: Records

Press both

A+B: Enable /Disable Auto off

OPERATION

1. Turn on VGW-760 before connecting it to the system and wait for the main screen to appear.
2. After power-on, VGW-760 displays «----» if the measured pressure is above its measurement range. Pressure values will appear once the measured pressure falls within the VGW-760 measurement range.
3. Open AI Tools app and select your device once it appears. Explore the many features offered by the application.

PRECAUTIONS

1. Please keep the connector of the product downward and vertical to connect to the system as much as possible
2. The product should be connected to the system as far as possible away from the vacuum pump.
3. Before turning off the vacuum pump, close the valve to isolate the pump from the system.

IOS AND ANDROID APP



Connect VGW-760 to AI TOOLS app available on app stores to access additional features (graphs, reports, etc.).

LINSTRUMENT

8 chemin des Tards-Venus

69530 BRIGNAIS

www.linstrument.com

