Full-Range Vacuum Gauge User Manual

VGW-760Pro

Introduction

The VGW-760Pro Full-Range Digital Vacuum Gauge, with its wide range and high accuracy features.

Specializes in vacuum measurements in the field of heating, ventilation, air conditioning and refrigeration (HVAC&R).

Warning

- Please use this instrument in the specified environment to avoid causing error / even bringing damage to the sensor.
- Do not use chemical solvents, corrosive liquids to wipe the meter body.
- Do not disassemble the meter structure and internal devices.
- If the product is not used for a long time, please take out the battery to avoid corrosion of the product by battery leakage; the battery supplied with the instrument is a non-rechargeable battery, please do not charge it.
- Please use special tools to install / disassembly, avoid rotating the case with excessive force and damaging the product.
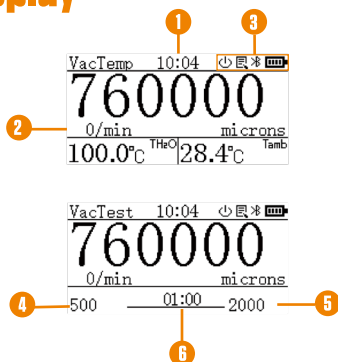
Precautions for Product Instructions

- 1. Before using the vacuum gauge, please check the connector for oil contamination.
- 2. Please keep the product connector downward and vertical as far as possible to connect to the system, so as to avoid oil in the pipeline entering the connector and contaminating the sensor.
- 3. To ensure the accuracy of the measurement, please install it as far away from the vacuum pump as possible.
- 4. Please close the valve before shutting down the vacuum pump to isolate the vacuum pump from the measurement point.
- 5. This product can only measure the vacuum value, please do not apply positive pressure to the product or there is a risk of damaging the sensor.
- 6. This product adopts special anti-oil treatment, the response time is relatively slow, pay special attention to the measurement of vacuum below 10 Pa need to wait until the data is stable to read the actual vacuum value or according to the steps of the anti-oil film replacement instructions to remove the anti-oil film and then carry out vacuum measurement. (The vacuum meter is considered to be stable if the value remains unchanged within 2 minutes)
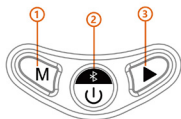
Specifications

Measuring range	1-760000 microns	
Resolution	1-500microns	1 microns
	500-2000microns	5 microns
	2000-5000microns	50 microns
	5000-25000microns	250 microns
	25000-760000microns	500 microns
Accuracy	±10% of reading ±10microns (at 25℃)	
Power supply	3 AA batteries	
Time in use	120H	
Units	inHg，Torr，psia，mbar，mTorr，Pa，micron，kPa	
Operating temperature	0°F～140°F (-17.8℃～60℃)	
Wireless transmission distance	100m	
Offline records	10000 readings	
Fitting	1/4" Male Flare	
Product size	127*74*37mm	
Max overpressure	27.5 bar	

Display

①Time	
②Leakage Rate	
③Icon	
[⏻] auto off	
[🗐] offline recording	
[᠅] bluetooth	
[▣] power	
④Evacuation Target Value	
⑤Decay Target Value	
⑥Test Countdown	

Buttons

Press and release	①Interface switching / Switching menu items
	②Bluetooth switch
	③Start/Stop test / Switching options
Press and hold	①Menu mode / Save and Exit
	②Power switch
	③On/Off Record

More details

For more detailed product instructions,please scan the QR code to obtain

Scannen Sie bitte den QR-Code für detailliertere Produktbeschreibungen

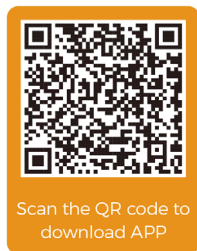Veuillez scanner le code QR pour obtenir des instructions de produit plus détaillées

si desea obtener más información sobre el producto, escanee el código QR

Para obter instruções mais detalhadas do produto, digitalize o código QR para obter

更多产品详细说明书请扫描二维码获取

Family Product

Elitech Tools

Scan the QR code to download APP

V1.0