Elitech®

User Manual

PGW–500

Wireless Digital Pressure Gauge

Introduction

Dear User

Thank you for choosing Elitech Pressure Gauge. To use the gauge correctly, please read over the manual first, especially the "Warning" part.

It is suggested to keep the manual properly with the gauge or in a place where you can refer to it conveniently.

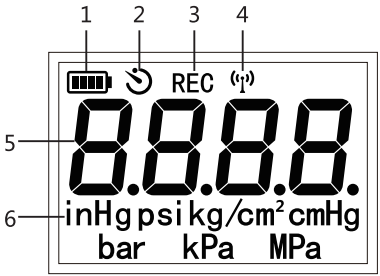
Features

- Selection of above 87 refrigerants
- Recording and reporting
- Superheat/subcool calculation
- Data graph analysis
- IP65

Specifications

- Pressure measuring range: 0~500psi
- Resolution: 0.5psi
- Accuracy : ±0.5% FS
- Measurement units: psi, kg/cm², cmHg, inHg, bar, kPa, MPa
- Offline records: 9000 readings
- Power: 3 AA alkaline batteries
- Battery life: 300 hours
- Max overpressure: 750psi
- Operating temperature: -17.8°C ~ 60°C (0°F ~ 140°F)
- Fitting: 1/8” Male NPT
- Wireless Range: 30m
- Dimension: 127*74*37mm

Display



1. Battery Indicator	4. Wireless Connection Status
2. Auto Power off	5. Pressure Measurement
3. Recording Status	6. Units

Buttons

Action	Button 1	Button 2	Button 3
Press	Backlight	On/Off	Wireless connection
Hold	Switch units	Zero	Record
Both	Toggle Auto Power off		

Operation

1. Before the gauge accesses the system, press the power button ⏻ to power it on. The gauge displays P500. Then it will conduct self test until pressure value is displayed.

2. After the gauge is turned on, press and hold ⏻ to make the screen display “0”.

Note: It is possible to zero when pressure value is below 10psi.

3. Make sure interface type matches with the access system. If not, please use the included adapter.

4. Press and release ☼ to turn on backlight. The backlight will be auto off two minutes later. Press ☼ to turn off backlight directly.

5. Press and hold ☼ to switch measurement units.

6. Press and release (ψ) to enable wireless connection. Press it again to disable wireless connection.

7. Press and hold (ψ) until “REC” appears in the screen to enable record function. Press and hold (ψ) again to disable this function.

Battery indicator

The battery power is indicated in segments, which reduce with power consumption until the frame of flashes. Hence the LCD will display unstably.

Please change batteries before the screen indicates unstably in case error message affects the normal use of the gauge.

APP Operation

1.Turn on the gauge and enable wireless connection, open the mobile APP to research the device and then connect.

2.In the connected devices interface, click “+” to add the device in work interface for viewing live pressure.

Note: 1) Multiple devices can be added for viewing simultaneously.

2) For more details, go to APP menu – help.

Download APP:

Download Elitech Gauge free mobile app for iOS™ on the Apple App Store or for Android℠ on Google Play™.

Scan the QR code, Download the "Elitech Gauge" from the Apple App Store or Google Play.

Download on the APP Store

Version 8.0 or higher

GET IT ON Google Play

Version 4.3 or higher

Warning

1. Please use the gauge in specified environment to avoid error or damage of the sensor.
2. Please do not use chemical solvent or corrosive liquid to clean the gauge.
3. Please do not disassemble the gauge.
4. Remove the batteries if the gauge is not to be used for a long time in case the leakage corrodes the gauge. The batteries included are not rechargeable. Please do not charge them.
5.Please use a special tool to install or disassemble it. Do not twist hard the shell in case it is damaged.

Package Includes

PGW-500 ----------1
AA alkaline battery ----------3
User manual ----------1
1/4” Male adapter ----------1
1/4” Female adapter ----------1
Bent adapter ----------1

Jiangsu Jingchuang Electronics Co., Ltd
http://www.e-elitech.com
Addr.: No.1 Huangshan Rd, Tongshan Economic
Development Zone, Xuzhou, Jiangsu, China

V1.1