PG-30 Digital Pressure Gauge
User Manual
Important
Thank you for buying our brand new pressure gauge. Please read this manual thoroughly before use and keep the manual with the gauge for further consultation.

Overview
PG-30 digital pressure gauge is a professional instrument for pressure monitoring in refrigerating system and related refrigerant parameters. The gauge features backlight, auto off, measurement units switch, alarm and other functions.
Operation

1. ON/OFF
ON: Press  button and it will display current pressure.
OFF: Press and hold  button until the screen is off.

2. Backlight
When the gauge is ON, press  button to light up backlight.
The backlight will be auto off after 6 seconds of inactivity.

3. Max and Min Memory and Clear
Press  button to display Max value and MAX symbol, then press the same button again for 3 seconds to clear the current Max value.
Press  button to display Min value and MIN symbol, then press the same button again for 3 seconds to clear the current Min value.

4. Zero
Press and hold  for 3 seconds until 8.8.8.8 shows on the screen, then release it to clear the current value to 0.

Note: Please zero the gauge before connecting it to the system.

5. Auto OFF
Enable Auto Off: Press and hold  and  until ON shows. If pressure keeps unchanged for 15 minutes, the gauge will be off automatically.
Disable Auto Off: Press and hold these two buttons until OFF shows.

6. Refrigerant Selection; Temperature/Pressure Units Switch
◆ Refrigerant Selection: Press and hold  button for 3 seconds until “R” shows and flashes, then press  or  button to switch between refrigerants.
◆ Switch Temperature Unit: Press and hold  button for 3 seconds until “R” shows and flashes, then press  button to switch between °C and °F.
◆ Switch Pressure Unit: Press and hold  button for 3 seconds until “R” shows and flashes, then press  button twice to switch between pressure units. Then use  or  button to select your desired pressure unit. Press  button again to exit setting status.

Note: The gauge will exit setting status after 15 seconds of inactivity.
Specifications

Pressure Range:
Low Pressure Gauge: -14.5~500psi (-0.1~3.4MPa)
High Pressure Gauge: -14.5~800psi (-0.1~5.5MPa)
Resolution: 0.5psi
Accuracy: ±0.5%FS
Measurement Units: MPa, kPa, bar, psi, kg/cm², cmHg
Temperature Unit: °C / °F
Compatible Refrigerants: 91
Over Range Alarm: Displays -OL-
Battery Life: 6 months
Operating Temperature: -10°C~60°C
Power Supply: CR2450
Sampling Rate: 1 seconds
Low Battery Indication: Displays " "

Compatible Refrigerants

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<th>R407E</th>
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Battery Replacement

1. Please take off the rubber boot, loosen the two screws and remove rear case.

2. Use a flat screwdriver to take out the battery in the same direction as shown below:

3. Place a new battery into the compartment and assemble the gauge. Please note the screws must be tightened.