User Manual

PG-20 Digital Pressure Gauge
**Warning**
Wear safety goggles when working with refrigerants. Refrigerants can cause eye injury.
Disconnect hoses using extreme caution. Pressurized refrigerant may be present in hoses. Point hoses away from you and anyone nearby.

**Instruction**
The gauge can test pressure and temperature, featuring backlight, manual calibration, auto-off, units shift, low battery indicator, etc. With battery life up to six months, the gauge is applied for monitoring pressure of pipelines and pressure vessels in refrigeration and maintenance.

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Overview

1. On/Off

Press \( \text{\textcircled{O}} \) to turn on/off the gauge.

2. Temperature display

In power-on mode, press and release \( \text{\textcircled{O}} \) to display temperature. Press it again to display pressure. It will display current pressure after 5 seconds of inactivity (This function is optional).

3. Backlight

Press and release ZERO/LIGHT to turn on backlight. It will be auto-off after 6 seconds of inactivity.
4. Zero
Press and hold ZERO/LIGHT for 3 seconds to zero. It will display 8.8.8.8 and then 0.000 after 3 seconds. Press and hold the button again for 3 seconds to display current relative pressure.

5. Auto-Off
Press and hold \( \text{主任} \) and ZERO/LIGHT until ON appears, indicating the Auto-Off function is enabled. The gauge will be auto-off after 15 minutes of inactivity. Press and hold the two buttons again until OFF appears, the Auto-Off function is disabled.
Specifications

Pressure Measuring Range: -0.100~5.000MPa

Temperature measurement range: -20~70°C

Operating Temperature and Humidity: -10~60°C; 35%~85%RH

Resolution: pressure: 0.001MPa; temperature: 0.1°C

Accuracy: pressure: ±0.5%FS (22°C~28°C); temperature: ±1°C

Battery Life: six months

Power Supply: 3V CR2450 button cell

Sampling Period: 1.2s

Battery Indicator: displays "LOB" at low battery

Display: 30mm x 15mm LCD/green back-light auto-off after 6s

Measurement Units: MPa

Out-of-Range Alarm: pressure: FULL

Warranty: one year
Battery Replacement

1) Remove the rubber sleeve and the back cover in turn as shown below.

2) Use a screwdriver to take the battery out in the direction shown.
Refrigerant Type: