Elitech®

PG-30Pro Digital Pressure Gauge User Manual

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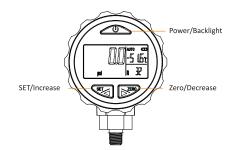
Important

Thank you for buying our brand new pressure gauge. Please read this manual thoroughly before use and keep it with the gauge for further consultation.

Overview

PG-30Pro 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 the gauge will display current pressure.

OFF: Press and hold button until the screen is off.

Note: When pressure is over measuring range: -OL- shows, backlight flashes and ALM symbol lights.

2. Backlight

When the gauge is ON, press button to light up backlight.

3. Max/Min Memory and Clear

Light up backlight and press button to display MAX symbol & value. Then hold button until 8888 shows on screen, to clear current Max value.

When backlight is on, press button twice to display MIN symbol & value, then hold button until 8888 shows on screen to clear current Min value.





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4. Zero

Press and hold button until 8888 shows on the screen, then release to clear current value to 0.

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

5. Refrigerant Selection

Under normal running status, press or to switch between refrigerants.

6. Settings

Auto OFF

Press and hold button until AUTO shows on screen, then use and button to switch ON/OFF Auto OFF function.

Note: AUTO symbol will show on the screen if Auto OFF function is enabled.

◆ Temperature Unit

Press and hold button until AUTO shows on screen. Press button once until C-F shows, then use or to switch between °C and °E.

Pressure Unit

Press and hold button until AUTO shows on screen. Press button twice until UNIT shows, then use or button twice until units.

Backlight Time

Press and hold button until AUTO shows on the screen, press button three times until b-L shows, then use or button backlight auto off time.

Specifications

Pressure Range:

High Pressure Gauge: -14.5psi~800psi Low Pressure Gauge: -14.5psi~500psi

Resolution: 0.5psi Accuracy: ±0.5%FS Sampling Rate: 1s Temperature Unit: °C/°F

Backlight Auto OFF: 3s, 4s, 5s, 10s, 15s

Pressure Units: MPa, bar, psi, kPa, kg/cm², cmHg Auto OFF: 10min, 20min, 30min, 40min, OFF

Compatible Types: 87 Battery: 3 AAA batteries Battery Life: 6 months

Compatible Refrigerants

R114	R152A	R402B	R409B	R420A	R443A	R504
R12	R161	R403A	R41	R421A	R444A	R507A
R123	R170	R403B	R410A	R421B	R448A	R508A
R1234yf		R404A	R410B	R422A	R449A	R508B
R1234ze		R406A	R412A	R422B	R449B	R509A
R124	R22	R407A	R413A	R422C	R450A	R513A
R125	R23	R407B	R414A	R422D	R452A	R600
R13 R134a	R290 R32	R407C R407D	R414B	R423A	R455A	R600a
R134a	R401A	R407E	R415B	R427A	R50	R601
R141B	R401A	R407E	R416A	R437A	R500	R601a
R141B	R401C	R408A	R417A	R441A	R502	R740
R143A	R402A	R409A	R419A	R442A	R503	R744
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