PG-30Pro Digital Pressure Gauge
User Manual

https://www.elitechustore.com
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.
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 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 °F.
◆ Pressure Unit
Press and hold button until AUTO shows on screen. Press button twice until UNIT shows, then use or to switch between pressure units.
◆ Backlight Time
Press and hold button until AUTO shows on the screen, press button three times until b-L shows, then use or to switch backlight auto off time.
Specifications

High Pressure Gauge Range: -14.5psi~800psi
Low Pressure Gauge Range: -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
Over Range Alarm: Displays -OL-

Compatible Refrigerants

R114  R152A  R402B  R409B  R420A  R443A  R504
R12   R161   R403A  R41   R421A  R444A  R507A
R123  R170   R403B  R410A  R421B  R448A  R508A
R1234yf R21   R404A  R410B  R422A  R449A  R508B
R1234ze R218   R406A  R412A  R422B  R449B  R509A
R124  R22   R407A  R413A  R422C  R450A  R513A
R125  R23   R407B  R414A  R422D  R452A  R600
R13   R290   R407C  R414A  R422D  R452A  R600a
R134a R32   R407D  R414B  R423A  R455A  R600a
R14   R401A  R407E  R415B  R427A  R50   R601
R141B R401B  R407F  R416A  R437A  R500  R601a
R142B R401C  R408A  R417A  R441A  R502  R740
R143A R402A  R409A  R419A  R442A  R503  R744