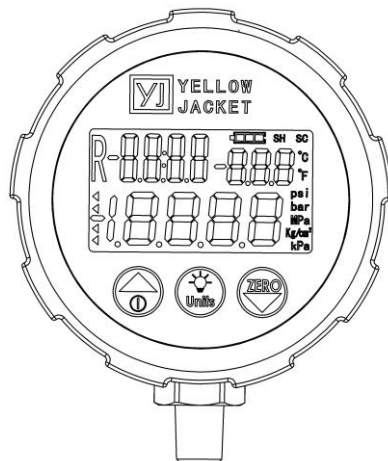


Series 41 Digital Manifold



Quick Start Guide



Key Function

ON / OFF key: power on/off and refrigerant switch.

LIT / UNIT key: Back-light and unit setting

ZERO key: pressure re-zero, refrigerant switch and unit switch

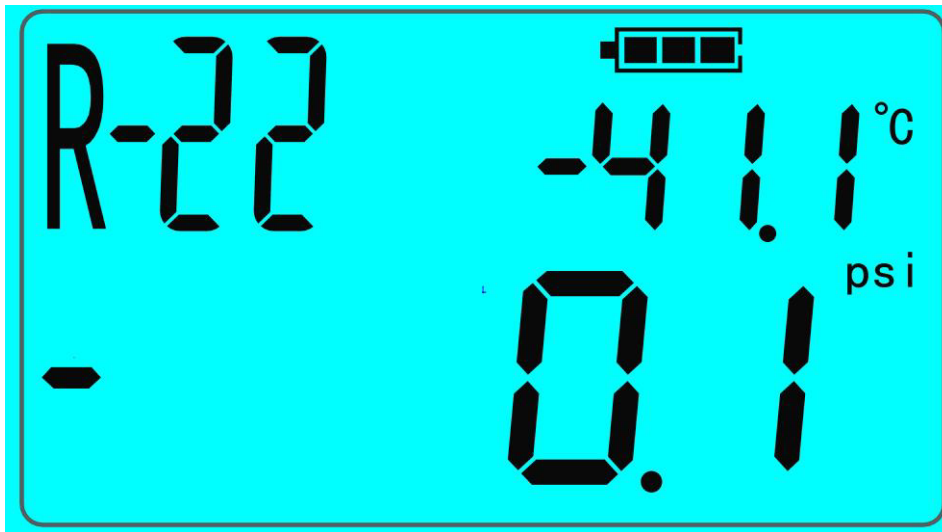
Operation:

Normal Mode

1. Press the ON/OFF key to turn on the meter when the power is off. The display shows all digits on the display for three seconds and then shows the current pressure, refrigerant name and the saturation temperature as shown in typical display.
2. Press LIT/Unit key to turn on the back light (around eight seconds).
3. Press and hold ZERO key for three seconds to re-zero the pressure. During the re-zero processing, the display shows “8888”.
4. Press and hold ON/OFF key for three seconds to turn off the meter. Before the meter is turned off, the display shows “OFF”.
5. Press the ZERO key to switch the refrigerant forwards. And press the ON/OFF key to switch the refrigerant backwards. The refrigerant name and the saturation temperature are updated after switching the new refrigerant.
6. Press and hold LIT/Unit key for three seconds to enter the unit setting mode.

Unit Setting Mode

1. After entering the setting mode, the current temperature unit flashes as the first setting unit. Press LIT/Unit key to switch between two temperature units. The selected unit flashes.
2. Press and hold LIT/Unit key for three seconds to change the next setting unit, the pressure unit. The current pressure unit flashes.
3. Press LIT/Unit key to switch the pressure unit as below in turn. The selected pressure unit flashes.
psi → bar → MPa → Kg/cm² → kPa → psi →
4. Press and hold LIT/Unit key for three seconds to return to the normal mode.



Battery Capacity

The LCD display has a battery bar for the battery life indicator. There are four levels for the battery life. Three-bar means the maximum battery capacity and no bar (the outline only) means the battery is almost exhausted. If only the outline is left, the meter will be automatically turned off.

The backlight power consumption may make an apparent battery voltage drop when the battery capacity is near only one bar. User may need to replace with a new battery earlier if the backlight consistently used.

Refrigerant Support:

The 21 types of refrigerant support are listed as follow:

R-22, R-23, R-32, R-124, R-134A, R-290, R-404A, R-407C, R407F, R-408A,
R-410A, R-417A, R-427A, R-444B, R-448A, R-449A, R-452A, R-507, R-600A,
R-1234YF and R1270