

Smart Digital Manifold

MS-870



4 VALVE



Digital Backlit Display

Three Working Modes

3/8" Vacuum Port and Block
Faster Evacuation

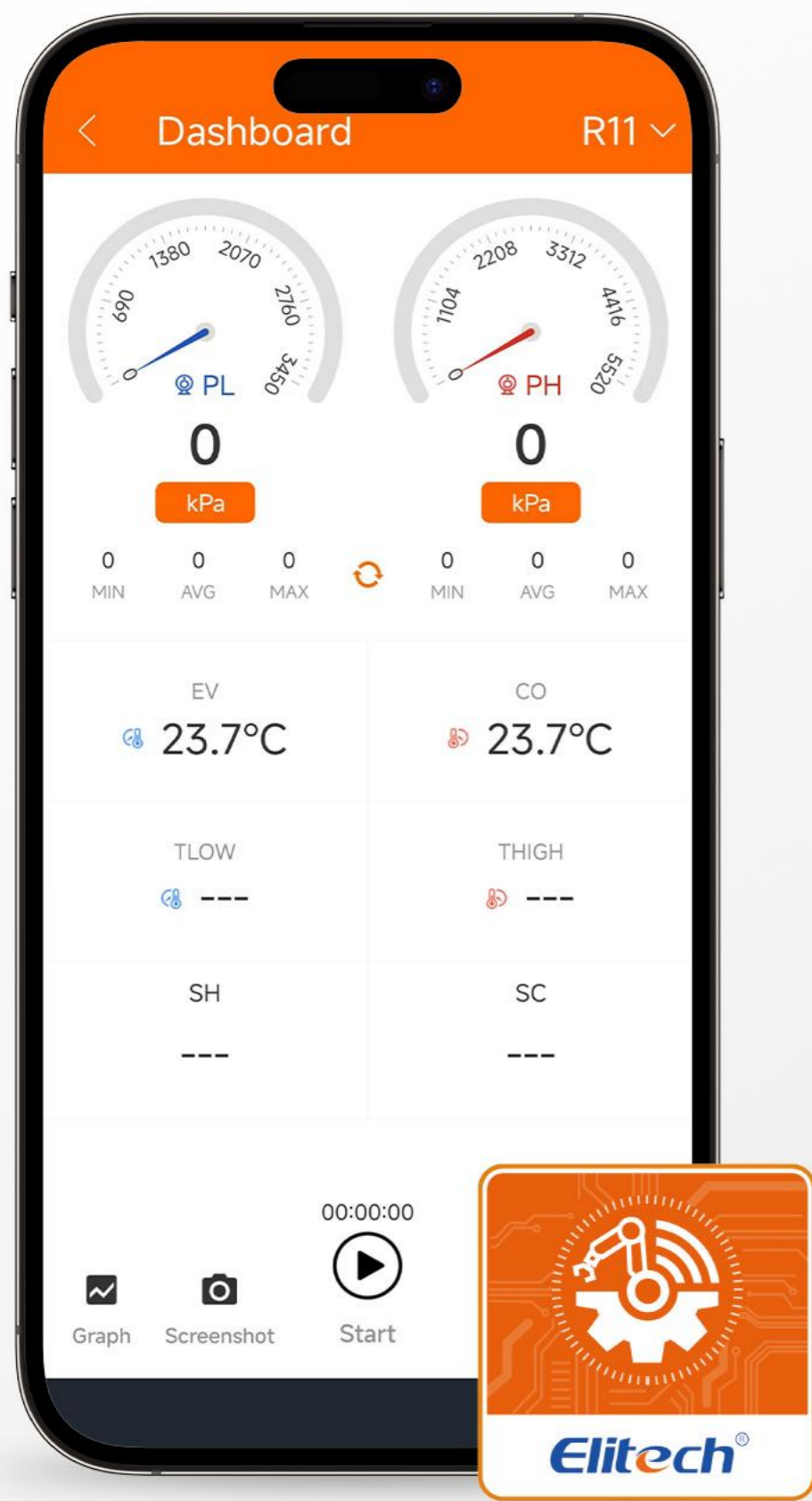
Folding Hook

Refrigerant Switching
Support Customized Settings

Supports Wireless/Wired
Temperature Clips

- Bluetooth connection to Elitech tools App for quick, convenient monitoring and reporting on site
- Supports a variety of extended probes to meet different application scenarios
- 140+ refrigerant library switching and can be personalized
- Three working modes: pressure and temperature measurement, pressure holding, and vacuum

Measurement range	-14.7~800psi
Accuracy	±0.5%FS
Resolution	0.5psi
Units	psi, kg/cm2, kPa, MPa, bar, inHg
Selectable refrigerants	140+ refrigerant library, meet 90% of market needs (Continuously updated via the APP)
Superheat/Subcooling calculation	Built-in
Temperature compensation	Built-in
Vacuum measurement	Pressure Sensor
Interface	1/4 SAE*3, 3/8SAE*1
Power	3×1.5V, AA batteries Battery life: 150 hours (Backlight and Bluetooth off)
Bluetooth/APP/OTA(Firmware update)	√
Protection class	IP54



Elitech Tools™

1. OTA (Firmware Update)

Firmware update in the instrument via App, Always keep the device in the best condition.

2. Personalized Configuration of Refrigerant

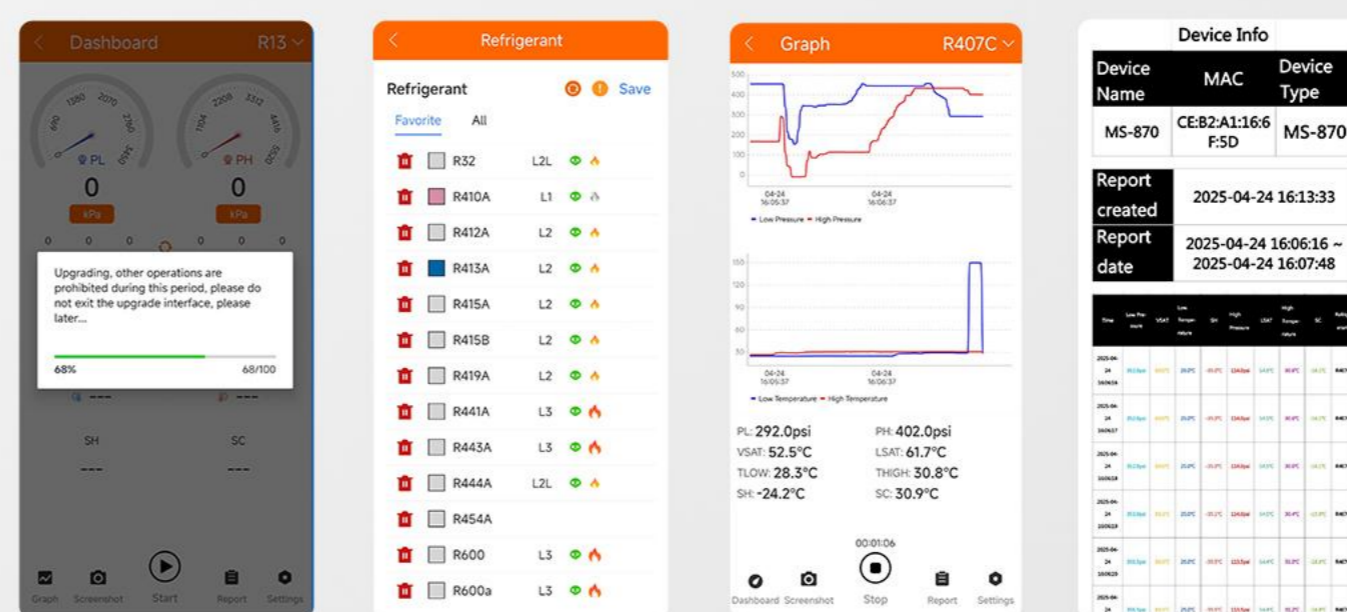
The device has 18 commonly used refrigerant types set as default. Users can customize and configure the refrigerant types through the APP.

3. Real-Time Data Monitoring

lets users view measurements and digital curves on a smartphone or tablet, making work faster and easier.

4. Data Recording and Exporting

The measurement data is automatically saved in the app, with up to 3,000 data points recorded. Users can also complete and export measurement reports directly on site.



Smart Digital Manifold MS-870 Kits

MS-870 Smart Premium Kit
Smart digital manifold with wireless temperature clamp

MS-870 Smart Kit
Smart digital manifold with wired temperature clamp

MS-870 Essential Edition
Smart digital manifold



Order no.	0401 0205	0401 0229	0401 0223
MS-870 Smart digital manifold	✓	✓	✓
IPT-01S Wireless temperature clamp (2 pcs)	✓	/	/
Wired temperature clamp (2 pcs)	/	✓	/
Vacuum tube	✓	✓	/
Hose filling set with ball valve (3 pcs)	✓	✓	/
R410A safety valve	✓	✓	/
R410A to 1/4 SAE adapter (2 pcs)	✓	✓	/
Instrument case	✓	✓	/