Technical Specifications

Specification		
Pressure Range/Resolution	-1.00~+60.00 bar	0.01 bar
	-100~+6000 kPa	1 kPa
	-0.100~+6.000 MPa	0.001 MPa
	-14.5~+870.2 psi	0.1 psi
	-1.02~+61.18 kgcm²	0.01 kgcm²
	-75.0 to 4500 cmHg	0.1 cmHg
	-29.5 to 1771 inHg	0.1 inHg
Temperature Range	-50~150℃	0.1℃
	-58 -302 ℉	0.1 ℉
Pressure accuracy	±0.5% FS	
Temperature accuracy	±0.5℃（-50~80℃）, ±1℃ for other	
Pressure unit	bar, kPa, MPa, psi, kgcm2, cmHg, inHg	
Temperature Unit	℃, ℉	
Wireless Range	100m	
IP Rating	UT336E:IP54 UT320i: IP65	
Refrigerant Type	162+	
Evaporation & Condensation Temperature	√	
High/Low-Pressure Measurement	√	
Superheat/Subcooling	√	
Pressure Zeroing	√	
Refrigeration/Heat Pump Mode	√(Auto detection)	
Data Record	10000	
Temperature Compensation	√	
Language setting	EN, FR, DE, IT, ES, SV, PL, CZ, CN	
Auto Screen Off	√	
Auto Power Off	√	
Working Temperature & Humidity	-20～50℃＜90%RH (non-condensing)	
Storage Temperature & Humidity	20～60℃＜90%RH (non-condensing)	
General Characteristics		
Battery	1×Built-in rechargeable lithium battery: 3.7V 5200mAh(UT336E)	
	2×Built-in rechargeable lithium battery: 3.7V 1400mAh(UT320i)	
Battery Life	UT336E: > 30h(backlight 50%, wireless connection OFF)	
	UT320i: About 180h(backlight OFF, wireless connection ON)	
Size	UT336E: 203×117×70mm; UT320i: 156×79×40mm	
Weight	UT336E: About 836g; UT320i: About 156g	
Accessories	Digital Manifold Gauge*1, Wireless Temperature Clamp*2, User Manual*1, Safety Guide*1, Refrigerant Hose*3, USB-C Charging Cable*1, Tool Box*1	
Standard Quantity Per Carton	1pc	

Applications


Commercial & Residential AC


Automobile AC Maintenance


Pipeline Pressure


Industrial Refrigeration

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UT336E KIT

Digital Manifold Gauge with Wireless Temperature Clamps

A2L COMPATIBLE

The UT336E KIT facilitates the installation, debugging, and maintenance of refrigeration and heat pump systems. It accurately measures high and low-side pressures and, when paired with two wireless temperature clamps, calculates superheat and subcooling to optimize performance. The device includes built-in refrigerant parameters and enables remote monitoring via a wireless app.

Dustproof Waterproof

2 x Wireless Temperature Clamps

Mobile App

10000 Data Storage

Metal Hook

Rechargeable Lithium Battery

Multi-Device Connection

- Wirelessly connects to UT320i and UT336V for temperature and vacuum measurement.
- Compatible with a mobile app for real-time data viewing and report export.



Supports 162+ Refrigerant Types

More compatible. Even faster switching.



Audible and Visual Alarm

Triggers LED and buzzer alerts when thresholds are exceeded.



Large Storage Capacity

Wirelessly connect to a mobile app for data viewing and analysis.



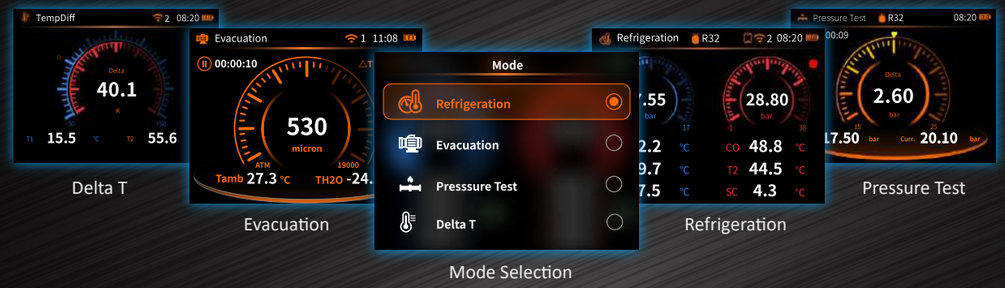
HD Color Screen

Clear visibility with tap-to-wake



Multiple Modes Selection

Covers the entire repair workflow, enhancing efficiency.

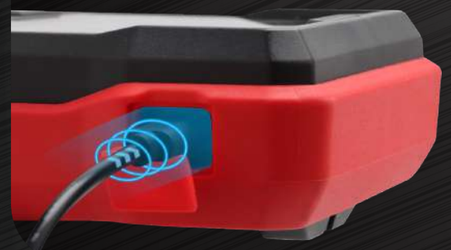


Rechargeable Lithium Battery

Type-C direct charging, no need to frequently replace batteries.

5200mAh
Battery Capacity(UT336E)

1400mAh
Battery Capacity(UT320i)



Defying Harsh Environments

IP54(UT336E)
IP65 rating, 2mdrop protection(UT320i)

