

Type of Refrigerant	18 kinds of commonly used, can be updated instantly through APP
Power Supply	2 AAA batteries
Overload	1000psi
Working Temperature	-10°C-50°C/14°F-122°F
Interface Specifications	1/4SAE Male*3
Battery Life	200H

### 5. Quick Operation Guide

1. Short press the **[ON]** power button to turn it on.
2. Enter the pressure and temperature measurement PT interface, press **[PT]** and **[V/A]** at the same time for 3 seconds and then the refrigerant type is flickering. At last, pressing **[PT]** or **[V/A]** key to select the refrigerant.
3. Connect the high and low pressure sides of the product to the system under test through refrigerant pipes.
4. At this time, the changes of system pressure and saturation temperature parameters can be monitored in real time.
5. Switch on the device, press **[ON]** key. Once the Bluetooth icon is shown on the display, Bluetooth is switched on.
6. Open "Eitech Tools" and click "Search Nearby Device". When the device name appears, click the product icon and enter the operation interface.

### 6. More Details



For more details product instructions, please scan the QR code to obtain  
 Scannen Sie bitte den QR-Code für detaillierte Produktbeschreibungen  
 Veuillez scanner le code QR pour obtenir des instructions de produit plus détaillées  
 escanee el código QR  
 Para obter instruções mais detalhadas do produto, digitalize o código QR para obter  
 更多产品详情说明书请扫描二维码获取

### 7. Family Product

**Eitech Tools**

Scan the QR code to download APP

CE



MS-100 Digital Manifold Gauge

## 1. Product introduction

Welcome to buy Elitech MS series digital manifold gauge, please scan the QR code below to obtain the electronic manual and read it carefully before use, so as to avoid harm to you and your products caused by illegal operation.

MS-100 series digital manifold gauge integrates pressure temperature mode, pressure holding mode, vacuum mode and data recording mode. It is suitable for daily inspection and maintenance of refrigeration and HVAC systems to help users provide more real and accurate data, greatly improve the on-site work efficiency of users, and can completely replace existing mechanical watch valves. At the same time, it supports APP to view reports and data analysis, and update common refrigerants in real time. Remote firmware upgrades can be used to continuously improve the product user experience.

*Note: The factory standard pressure temperature mode, other modes can be purchased through the APP to support.*

## 2. Precautions

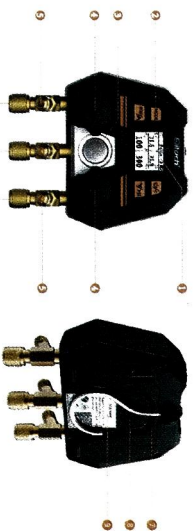
### Description

- ⚠ Incorrect operation may cause serious injury.
- ⚠ Incorrect operation may cause minor injury.
- ⚠ Incorrect operation may damage the device.

### ⚠ Caution

- ⚠ This product is not suitable for maintenance of ammonia ( ammonia-containing refrigerant ) refrigerant system.
- ⚠ Comply with local environmental protection policies. Refrigerants cannot be directly discharged into the atmosphere and must be recycled by a recycling machine.
- ⚠ This product contains batteries. Do not place the product in a high temperature environment or put it in a fire, otherwise there is a danger of explosion. If you do not use the product for a long time, please take out the battery to avoid battery leakage and corrosion of the product. The included battery is a non-rechargeable battery, please do not recharge it.
- ⚠ If you find that the product is damaged, please contact us in time. It is strictly forbidden to disassemble the product without permission. Improper operation may further damage the product. In severe cases, the battery may catch fire or even explode, causing injury.
- ⚠ At the end of the service life of this product, please recycle it according to local regulations, and do not discard it at will to cause environmental pollution.

## 3. Product Description



1. Display	2. Control Buttons
3. Sight Glass	4. Valve Knob
5. Refrigerant Pipe Bracket	6. Refrigerant Pipe Connection port (1/4SAE)
7. Hook	8. Battery Compartment
9. Information Label	

## 4. Technical Parameters

Measuring Range	-14--800psi
Resolution	1 psi
Accuracy	±1.0%FS
Unit	kPa, MPa, bar, psi, kg/cm2, inHg