

CONTENTS

01. INNOVATIVE NEW RELEASED TOOLS SHOWCASE

02. REFRIGERANT LEAK DETECTOR

03. ELECTRONIC REFRIGERANT SCALES

04. DIGITAL MANIFOLD GAUGE SET

05. DIGITAL THERMOMETER

01. Innovative New Released Tools Showcase ▶

Smart Vacuum Pump Showcase-V700/V900/V1200

Smart Digital Manifold Showcase-MS-4000/MS-4000

Smart Refrigerant Scale Showcase-Elitech-U1

Refrigerant Leak Detectors Showcase-Inframate D

02. Refrigerant Leak Detector ▶

Infrared Refrigerant Leak Detector ILD-100/ILD-200/ILD-300

Heated Diode Style LD-100+/LD-100/LD-200

Infrared CO₂ Leak Detector Inframate C

Corona Style HLD-100+

Corona Style HLD-200

Corona Style WJL-6000/WJL-6000S

Corona Style CPU-C/CLD-100

03. Electronic Refrigerant Scales ▶

LMC Series LMC-100F/LMC-100A

LMC Series LMC-200/LMC-200A

LMC Series LMC-210L/210/LMC-210A

LMC Series LMC-300L/LMC-300/LMC-300A/LMC-310/LMC-310A

SRC Series SRC-400

SRC Series SRC-410

SRC Series SRC-500/SRC-510

04 Digital Manifold Gauge Set ▶

Digital Manifold MS-1000

Micro Vacuum Pump VGW Mini

Vacuum Gauge VGW-760

Wireless Pressure Gauge Set PT-500 & PT-800

Digital Pressure Gauge SMG-1H/SMG-1L

Pressure Gauge PG-30/PG-30 PRO

Wireless Pressure Gauge PGW-500/PGW-800

Wireless Pressure Gauge PT-500/PT-800

Digital Pressure Manifold Set DMG-1/DMG-1B

Digital Manifold Set DMG-3/DMG-3B

05 Digital Thermometer ▶

Infrared & NTC Thermometer

Vaccine Thermometer VT-10

Thermometer&Hygrometer BT-3

Thermometer WT-1B/WT-9A

01

09

15

21

27

SMART VACUUM PUMP

V700/V900/V1200



PRODUCT FEATURES

Elitech is a global manufacturer that has dedicated over 26 years to the R&D and manufacturing of HVAC/R tools. Elitech draws upon its commitment to technical innovation, reliable customer service and great R&D allocation to deliver solutions with efficiency, accuracy and ease of use. Elitech offers a full line of innovative Vacuum Pumps sure to meet all of your HVACR evacuation needs.

- Intelligent Control of Motor and Solenoid Valve
- System Leakage Level Analysis
- Real-time Changes on Vacuum in Graph
- Estimated Job Competition Time
- 4" Smart Touch Full-color Screen
- Data Monitoring and Analysis via App

APPLICATION

Ideal for large tonnage commercial and industrial HVAC systems.

SPECIFICATION

| Model/Parameters | V700 | V900 | V1200 |
|-----------------------|----------------|--|----------------|
| Stage | | 2 stages | |
| Power Supply | | 110V-60Hz; 220V-50/60Hz | |
| Motor | | AC induction motor | |
| Speed regulation | | Fixed speed | |
| Vacuum accuracy | | 1-10000microns ±10% of Reading ±10microns 10000-19000 microns ±20% of Reading | |
| Usage environment | | 5°C~40°C/41°F~104°F | |
| Transmission distance | | 30ft/10m | |
| Limit vacuum | | 15 microns | |
| Pumping rate | 7CFM (3L/S) | 9CFM (4L/S) | 12CFM (5L/S) |
| Motor power | 3/4hp/550w | 1hp/750w | 1HP/750W |
| Fuel volume | 22oz/650ml | 22oz/650ml | 25.3oz/750ml |
| Overall dimension | | 18.5in*10.5in*14.8in/470mm*267mm*380mm | |
| Weight | 34.2lbs/14.8kg | 35.3lbs/15.3kg | 36.8lbs/16kg |
| Air inlet | | 1/4 SAE; 3/8 SAE | |



SMART DIGITAL MANIFOLD

MS-2000/MS-4000



PRODUCT FEATURES

Elitech's range of digital manifolds are the ultimate all-in-one solution. With the Elitech Tools App, your phone / tablet become your gauges with a Bluetooth range of up to 98 ft !

- View Changes on Vacuum, Pressure and Temperature in Graphs
- Support USB to Read and Export Data
- Superheating and Subcooling Measurement in Real-time
- Pressure Holding Test with Temperature Compensation

APPLICATION

mainly used in refrigeration system leak detection, evacuation, refrigerant charging for daily investigation and maintenance

SPECIFICATION

| | |
|----------------------------|---|
| Pressure measurement range | -14.5~800psi/-1.0~56.2kg/cm2/-1.0~55.2bar/-0.1~5.5MPa |
| Accuracy | ±0.5%FS |
| Resolution | 0.5psi/0.03bar/0.003MPa/0.03Kg/cm2 |
| Sampling Frequency | 0.5s |
| Pressure unit | psi、kg/cm2、cmHg、inHg、bar、kPa、MPa |
| Overload | 1000psi/70kg/cm2/69bar/6.8MPa |
| Pressure interface | 1/4SAE*3; 3/8SAE*1(MS-4000 series only) |
| Sensor interface | PS/2*2(the left interface is temperature and vacuum probe multiplexing) |
| USB Interface | Type-C*1(for data export and charging) |
| Charging parameter | 5V2A |
| Battery capacity | 5000mAh |
| Recording time | 800h(Interval time 30S) |
| Screen parameter | 5"IPS capacitive touch screen |
| Working Temperature | 14-122°F/-10-50°C |
| Storage Temperature | -4-140°F/-20-60°C |



SMART LIGHTWEIGHT SCALE ELITECH-U1



PRODUCT FEATURES

The scale is made of magnesium aluminum alloy, which is light and easy to carry. The handle controller adopts the hidden-style design, which is convenient to store and use. The device supports multiples measurement units.

- **[Ultra-thin]** 25% less in height than traditional scales
- **[Ultra-lightweight]** 30% less in weight than traditional scales
- **[Ultra-long]** Wireless transmission distance of 98ft
- **[Ultra-large Screen]** Adopts 4-inch touch screen
- **[Ultra-convenient charging]** Type-C charging adapters and supports the reverse charging

APPLICATION

Mainly used in the air conditioner repair line to control the weight of refrigerants in the charging and recovery process, and improve the efficiency of refrigeration system maintenance

SPECIFICATION

| | |
|--------------------------------|---|
| Maximum weight | 100kg /220lb |
| Resolution | 5g/0.18oz |
| Accuracy | ±0.05%rdg+10g |
| Unit | kg g; lb oz |
| Battery lifetime | Handle: 6H; Scale: 50H (without using reverse charging function) |
| Power supply | Handle: 2500mAh lithium battery Scale: 5000 mAh lithium battery |
| Operating temperature | -20 °C~70 °C/-4°F~158°F |
| Storage temperature | -30 °C ~85 °C/-22°F-185°F |
| Relative humidity | 50-85% HR |
| Wireless transmission distance | 30m/98ft |
| Product size | 246*246*57.5 mm/9.7*9.7*2.3 inch |
| Weight | 2.1 kg/4.6 lb |
| Display | 4-inch touch screen |

ADVANCED LEAK DETECTOR INFRARED & HEATED DIODE SENSORS INFRAMATE D



PRODUCT FEATURES

Inframate D is a hand-held 2-in-1 leak detector, which combines infrared and heated diode sensor. Compared with traditional product, this series has higher accuracy, longer services life and detects more types of refrigerants.

- 10 Years' Sensor Lifetime
- High-performance Sensor Tip, Avoid Water Ingress
- Peak on a Leak Point, Applicable to Any Complex Conditions
- Works for HFCs, HCs, HCFCs, CFCs, HFO-1234

APPLICATION

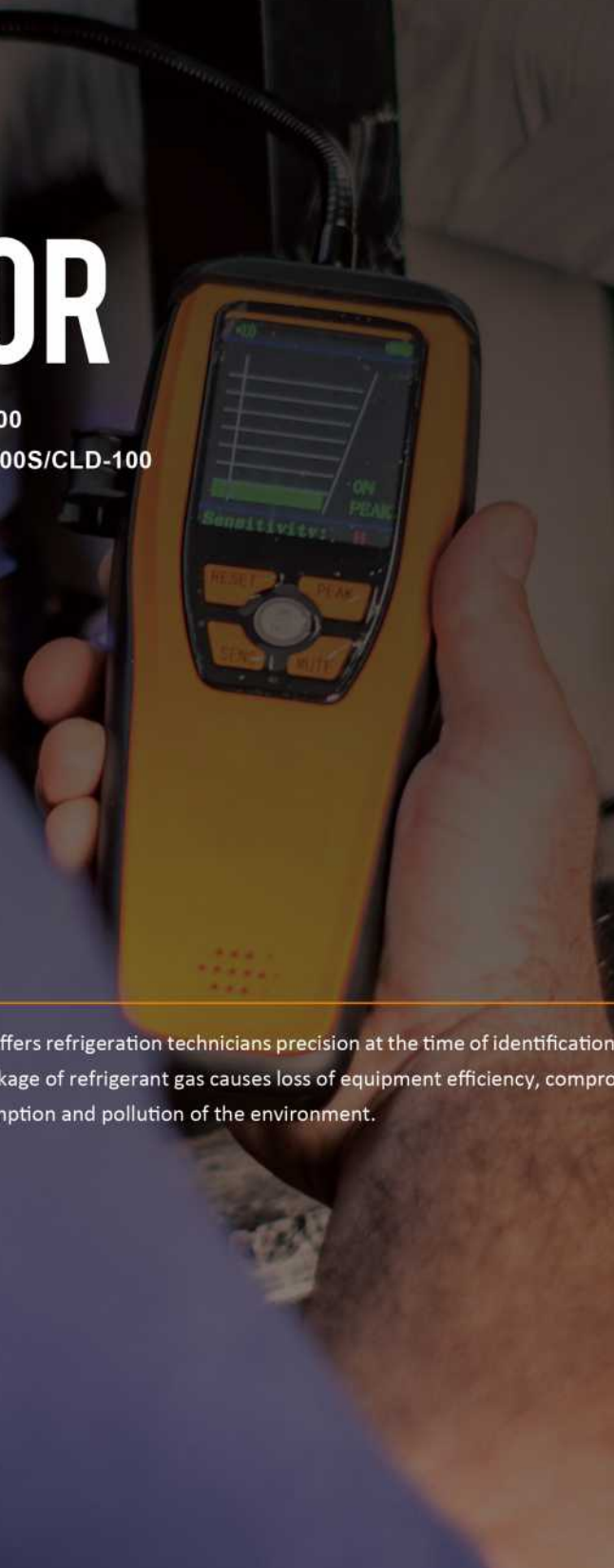
Mainly used in air conditioner repair line to detect the leakage such as freezer, air conditioner, cold storage, etc.

SPECIFICATION

| | |
|-----------------------|---|
| Refrigerants | CFCs, HFCs, HCFC series and HFO-1234YF |
| Sensor life | Infrared Sensor: 10 years; Heated Diode Sensor: 500hrs |
| Sensitivity | Infrared Sensor Max 4g/a; Heated Diode Sensor Max13g/a |
| Alarm mode | Audible and visual alarm |
| Auto off | After 10 minutes of inactivity |
| Battery | 2*18650 lithium battery (see Battery Replacement Diagram) |
| Working hour | 8hrs continuously (in a single charged) |
| Charging time | Approx. 4hrs |
| Power supply | DC 5V, 1A |
| Storage temperature | -20°C~60°C/-4°F~140°F |
| Humidity | 90%RH (non-condensing) |
| Operating temperature | -10°C~ 52°C |
| Approvals | Compliant to CE, EN14624:2012, RoHS, SAEJ1627, SAEJ2791, SAEJ2913 |

SERIES 01 LEAK DETECTOR

ILD-100/ILD-200/ILD-300/LD-100/LD-200
HLD-100+/HLD-200/WJL-6000/WJL-6000S/CLD-100



PRODUCT FEATURES

Elitech's wide line of refrigerant leak detectors offers refrigeration technicians precision at the time of identification of gas leaks in the air conditioning system and cold rooms. The leakage of refrigerant gas causes loss of equipment efficiency, compromising the quality of the stored product, increasing energy consumption and pollution of the environment.

- 10 Year's Sensor Life
- 3 Selectable Sensitivity Levels
- 8 Hours Continuous Use Fully Charged
- Detect All Kinds of Halogenated Gases

INFRARED REFRIGERANT LEAK DETECTOR ILD-100/200/300

INTRODUCTION

ILD-100/200/300 is a handheld refrigerant leak detector that utilizes a long-life infrared sensor in a low-cost package to effectively pinpoint leaks of CFC, HFC, HCFC and HFO refrigerants. Ready for use in 30 seconds and with 8 hours of battery life in a single charge, ILD-100/200/300 is truly preferred tool.

FEATURE

- Adopts blackbody source and features a long lifetime which is 8 times longer than a thermal diode
- Detects more accurately owing to the detection modes for different refrigerants. (ILD-300)
- Strong anti-interference avoids false alarm from interfering gases.
- Large TFT color screen provides better visual display.
- Peak recording and automatic calibration helps pinpoint leak points quickly. (ILD-200/300)



SPECIFICATION

| | |
|-----------------------------|---|
| Detected refrigerant | CFCs, HFCs, HCFCs, HFO-1234YF |
| Sensitivity | High level 0.1 oz/yr (<4g/yr); Medium level : 0.25 oz/yr (7g/yr); Low level : 0.50 oz/yr (14g/yr) |
| Response time | < 1s |
| Warm-Up time | 30s; automatic calibration |
| Low battery indication | Automatic indication of 1 hour running time |
| Operating temperature range | 0°C to 50°C at 75%RH |
| Continuous work time | 8 hours |
| Auto off time | 10 minutes of inactivity |
| Approvals | SAE-J2913, SAE-J1627, SAE-J2791, CE, EN-14624 |
| Power | Li-3000mA/h |
| Overall size | 201*86*38mm |
| Probing rod length | 445mm |

INFRAMATE C CO2/R744 LEAK DETECTOR

- Find R-744 refrigerant leaks
- Long-life sensor made to last up to ten years
- Three sensitivity levels down to 6g(0.2oz) per year
- Senses change .Works in contaminated environments
- Rechargeable lithium ion battery



SPECIFICATION

| | |
|---------------------|--|
| Sensor lifetime | 40,000 hrs |
| Sensitivity range | 3 Levels |
| Maximum sensitivity | 6g/yr |
| Reset time | < 3s |
| Warm-up time | about 30s |
| Refrigerants | R744 |
| Power supply | 2* 18650 Lithium Battery |
| Battery life | 8h |
| Approvals | Compliant to RoHS, SAE-J1627 and EN14624 |

LD-100+ HEATED DIODE LEAK DETECTOR

- High Sensitivity, quick response and long sensor lifetime
- Automatic and manual mode suitable for locating leaks in various complex environments
- New suction structure design increases the sensitivity while having the anti-water absorption function at the same time



SPECIFICATION

| | |
|---------------------|--|
| Sensor lifetime | 1 year |
| Sensitivity range | 3 levels: High, Medium, Low |
| Maximum sensitivity | 3g/yr |
| Reset time | < 3s |
| Warm-up time | 30s |
| Recovery time | <10s |
| Refrigerants | CFCs / HCFCs / HFCs / HCs / HFOs |
| Power supply | 3 x AA alkaline battery |
| Battery life | 7 hours |
| Approvals | Compliant to Standard: SAE-J1627, EN 14624, CE |
| Overall size | 10*2*2.3 inch |
| Probing rod length | 16.4inch |

LD-100/LD-200 HEATED DIODE LEAK DETECTOR

- Ergonomic design, more comfortable in operation
- Flexible stainless steel probing rod can detect hard-to-reach places
- Responds to all halogen refrigerants (including Chlorine and Fluorine)



SPECIFICATION

| | |
|---------------------|--|
| Sensor lifetime | 1 year |
| Sensitivity range | 6 (LD-100); 7 (LD-200) |
| Maximum sensitivity | 3g/yr |
| Reset time | < 3s |
| Warm-up time | about 30s |
| Recovery time | <10s |
| Refrigerants | CFCs / HCFCs / HFCs / HCs / HFOs |
| Power supply | LD-100: 3 AA batteries; LD-200: rechargeable lithium battery |
| Battery life | 4h (LD-200: 6h) |
| Approvals | Compliant to RoHS, SAE-J1627 and EN14624 |
| Overall size | 10*2*2.3 inch |
| Probing rod length | 16.4inch |

HLD-100+ HALOGEN LEAK DETECTOR

- Visual display: single LEDs light gradually
- Display leak in wide range
- Detect all the refrigerants containing halogen



SPECIFICATION

| | |
|---------------------|--|
| Sensor lifetime | 50h |
| Sensitivity range | 7 levels |
| Maximum sensitivity | 3g/yr |
| Response time | < 1s |
| Warm-up time | About 3s |
| Reset time | 2s |
| Detection mode | Continuous, unlimited |
| Power supply | 2 AA alkaline battery (3VDC) |
| Battery life | approximately 20 hours in normal use |
| Approvals | Compliant to Standard: SAE-J1627, EN 14624, CE |
| Overall size | 9*2.4*2.2 inch |
| Probing rod length | 14 inch |

HLD-200+ HALOGEN LEAK DETECTOR

- Three-color LED display of leak
- 7-level sensitivity regulation in cycle and real time
- Auto calibration: automatically detect current refrigerant concentration as zero point



SPECIFICATION

| | |
|---------------------|--|
| Sensor lifetime | 50h |
| Sensitivity range | 7 levels |
| Maximum sensitivity | 3g/yr |
| Response time | < 1s |
| Warm-up time | 5s |
| Reset time | 2s |
| Refrigerants | CFCs / HCFCs / HFCs / HCs / HFOs |
| Power supply | 2 AA alkaline battery (3VDC) |
| Detection mode | Continuous, unlimited |
| Approvals | Compliant to Standard: SAE-J1627, EN 14624, RoHS |
| Overall size | 7*2.2*1.3 inch |
| Probing rod length | 12 inch |

CPU-C HALOGEN LEAK DETECTOR

- Detects all the refrigerants containing halogen
- Adjust accuracy according to real time
- Self-calibration function, which verifies the initial gas concentration as zero point



SPECIFICATION

| | |
|---------------------|--|
| Sensor lifetime | 50h |
| Sensitivity range | 7 levels |
| Maximum sensitivity | 3g/yr |
| Response time | < 1s |
| Warm-up time | 6s |
| Reset time | 2s |
| Refrigerants | CFCs / HCFCs / HFCs / HCs / HFOs |
| Power supply | 2 C alkaline battery |
| Battery life | about 20h |
| Approvals | Compliant to Standard: SAE-J1627, EN 14624, RoHS |
| Overall size | 9*2.4*2.2 inch |
| Probing rod length | 14 inch |

WJL-6000/WJL-6000S HALOGEN LEAK DETECTOR

- Detects all the refrigerants containing halogen.
- Adjusts sensitivity anytime to reach the best detection status automatically
- Internal high precision and ultra-low power consumption circuit design



SPECIFICATION

| | |
|---------------------|--|
| Sensor lifetime | 50h |
| Sensitivity range | 7 levels |
| Maximum sensitivity | 5g/yr |
| Response time | < 1s |
| Warm-up time | 6s |
| Reset time | 3s |
| Refrigerants | CFCs / HCFCs / HFCs / HCs / HFOs |
| Power supply | 4 AAA alkaline battery(not included) |
| Battery life | about 20h |
| Approvals | Compliant to Standard: SAE-J1627, EN 14624 |
| Overall size | 6*1.4*1.4 inch |
| Probing rod length | 7.8 inch |

CLD-100 HALOGEN LEAK DETECTOR

- Detects all types of halogen refrigerants
- Luminous and audible signal of gas leak identification
- Internal high precision and ultra-low power consumption circuit design



SPECIFICATION

| | |
|---------------------|--|
| Sensor lifetime | 50h |
| Sensitivity range | 7 levels |
| Maximum sensitivity | 6g/yr |
| Response time | < 1s |
| Warm-up time | 6s |
| Reset time | 2s |
| Refrigerants | CFCs / HCFCs / HFCs / HCs / HFOs |
| Power supply | 4 AAA alkaline battery(not included) |
| Battery life | about approximately 20 hours in normal use |
| Approvals | Compliant to Standard: SAE-J1627, EN 14624 |
| Overall size | 6.9*2.1*2inch |
| Probing rod length | 7.9 inch |

SERIES 02

REFRIGERANT ELECTRONIC SCALE

LMC-100F/LMC-100A/LMC-200/LMC-200A/LMC-210/LMC-210L/LMC-300A
 LMC-300/LMC-310/LMC-310A/LMC-310L/SRC-400/SRC-410/SRC-500/SRC-510

PRODUCT FEATURES

Refrigerant Scale is used for weighing in refrigeration industry. Maintenance man can use it to measure the weight of refrigerant in charging or recovery to judge the quantity of refrigerant that needs to be charged or recovered.

- Smart Control and Notifications on APP
- Wireless Connection, Ultra-long Distance Transmission (100ft)
- One-piece Casting of the Scale Platform, Robust and Durable
- Programmable Settings of Charging and Recovery Values for Precise Control
- Smart Audio & Flash Light Alarm



iOS



Android

LMC-100F ELECTRONIC REFRIGERANT SCALE

- High accuracy and resolution
- One-piece casting of the scale platform, robust and durable
- Extra large LCD display with background lamp, slip-Resistant 9*9 weighing platform
- Support all refrigerants and is good for all sized popular refrigerant tanks
- Housed in a heavy-duty case, easy for you to operate



SPECIFICATION

| | |
|-----------------------|---------------|
| Max capacity | 50kg/110lb |
| Resolution | 2g |
| Accuracy | ±0.05% rdg+5g |
| Power supply | 9V batteries |
| Operating temperature | -10°C~40°C |
| Storage temperature | -15°C~50°C |
| Overall size | 227*227*70 |
| Weight | 2kg/ 4.4lb |

LMC-100A ELECTRONIC REFRIGERANT SCALE

- High accuracy and large capacity
- One-piece casting of the scale platform, robust and durable
- Extra large LCD display with background lamp, slip-Resistant 9*9 weighing platform
- Support all refrigerants and is good for all sized popular refrigerant tanks
- Housed in a heavy-duty case, easy for you to operate



SPECIFICATION

| | |
|-----------------------|--------------------------------|
| Max capacity | 100kg / 220lb |
| Resolution | 5g |
| Accuracy | ±0.05% rdg+10g |
| Power supply | 9V batteries |
| Operating temperature | -10°C~40°C |
| Storage temperature | -15°C~50°C |
| Overall size | 227*227*70 mm/8.9*2.8*2.8 inch |
| Weight | 2kg/ 4.4lb |

LMC-200/LMC-200A ELECTRONIC REFRIGERANT SCALE

Three display modes: kg, lb, and oz and professionally designed to meet your requirements



SPECIFICATION

| Model | LMC-200 | LMC-200A |
|-----------------------|----------------------------------|----------------|
| Max capacity | 100kg / 220lb | 150kg / 330lb |
| Resolution | 5g | 5g |
| Accuracy | ±0.05% rdg +10g | ±0.05% rdg+25g |
| Power supply | 5 AAA | |
| Operating temperature | -10°C~40°C | |
| Storage temperature | -15°C~50°C | |
| Overall size | 271*271*74 mm/10.7*10.7*2.9 inch | |
| Weight | 3.3kg/7.3lb | |

LMC-210L WIRELESS REFRIGERANT SCALE

App control without handle and 15m wireless transmission distance



SPECIFICATION

| Model | LMC-210L |
|-----------------------|----------------------------------|
| Max capacity | 100kg / 220lb |
| Resolution | 5g |
| Accuracy | ±0.05% rdg +10g |
| Power supply | 5AA (Scale) |
| Operating temperature | -10°C~40°C |
| Storage temperature | -15°C~50°C |
| Overall size | 271*271*74 mm/10.7*10.7*2.9 inch |
| Weight | 3.0kg/6.6lb |

LMC-210/LMC-210A ELECTRONIC REFRIGERANT SCALE

Support wireless remote and App control



SPECIFICATION

| Model | LMC-210 | LMC-210A |
|-----------------------|----------------------------------|----------------|
| Max capacity | 100kg / 220lb | 150kg / 330lb |
| Resolution | 5g | 5g |
| Accuracy | ±0.05% rdg +10g | ±0.05% rdg+25g |
| Power supply | 5 * AAA (Scale) +5*AA (handle) | |
| Operating temperature | -10°C~40°C | |
| Storage temperature | -15°C~50°C | |
| Overall size | 271*271*74 mm/10.7*10.7*2.9 inch | |
| Weight | 3.3kg/7.3lb | |

LMC-300/LMC-300A ELECTRONIC CHARGING REFRIGERANT SCALE

Additional charge and recovery valve included



SPECIFICATION

| Model | LMC-300 | LMC-300A |
|-----------------------|----------------------------------|----------------|
| Max capacity | 100kg / 220lb | 150kg / 330lb |
| Resolution | 5g | 5g |
| Accuracy | ±0.05% rdg +10g | ±0.05% rdg+25g |
| Power supply | 5*AAA | |
| Operating temperature | -10°C~40°C | |
| Storage temperature | -15°C~50°C | |
| Overall size | 271*271*74 mm/10.7*10.7*2.9 inch | |
| Weight | 3.8kg/8.3lb | |

LMC-300L ELECTRONIC REFRIGERANT SCALE

An updated version of the LMC-200 scale, which brings greater performance and reliability



SPECIFICATION

| Model | LMC-300L |
|-----------------------|----------------------------------|
| Max capacity | 100kg / 220lb |
| Resolution | 5g |
| Accuracy | ±0.05% rdg +10g |
| Power supply | 5AAA |
| Operating temperature | -10°C~40°C |
| Storage temperature | -15°C~50°C |
| Overall size | 271*271*74 mm/10.7*10.7*2.9 inch |
| Weight | 3.3kg/7.3lb |

LMC-310/LMC-310A WIRELESS CHARGING REFRIGERANT SCALE

Wireless handle and additional charge and recovery valve included



SPECIFICATION

| Model | LMC-310 | LMC-310A |
|-----------------------|----------------------------------|----------------|
| Max capacity | 100kg / 220lb | 150kg / 330lb |
| Resolution | 5g | 5g |
| Accuracy | ±0.05% rdg +10g | ±0.05% rdg+25g |
| Power supply | 5AA (Scale) +5*AAA (handle) | |
| Operating temperature | -10°C~40°C | |
| Storage temperature | -15°C~50°C | |
| Overall size | 271*271*74 mm/10.7*10.7*2.9 inch | |
| Weight | 3.8kg/8.3lb | |

SRC-400

ELECTRONIC REFRIGERANT SCALE

Three display modes: kg, lb, and oz and professionally designed to meet your requirements



SPECIFICATION

| | |
|-----------------------|----------------------------------|
| Model | SRC-400 |
| Max capacity | 100kg / 220lb |
| Resolution | 5g |
| Accuracy | ±0.05% rdg +10g |
| Power supply | 5AAA |
| Operating temperature | -10°C~40°C |
| Storage temperature | -15°C~50°C |
| Overall size | 271*271*74 mm/10.7*10.7*2.9 inch |
| Weight | 3.3kg/7.3lb |

SRC-500

ELECTRONIC CHARGING REFRIGERANT SCALE

Additional charge and recovery valve included



SPECIFICATION

| | |
|-----------------------|----------------------------------|
| Model | SRC-500 |
| Max capacity | 100kg / 220lb |
| Resolution | 5g |
| Accuracy | ±0.05% rdg +10g |
| Power supply | 5*AAA |
| Operating temperature | -10°C~40°C |
| Storage temperature | -15°C~50°C |
| Overall size | 271*271*74 mm/10.7*10.7*2.9 inch |
| Weight | 3.8kg/8.3lb |

SRC-410

ELECTRONIC REFRIGERANT SCALE

Support wireless remote and App control



SPECIFICATION

| | |
|-----------------------|----------------------------------|
| Model | SRC-410 |
| Max capacity | 100kg / 220lb |
| Resolution | 5g |
| Accuracy | ±0.05% rdg +10g |
| Power supply | 5*AA (Scale) +5*AAA (handle) |
| Operating temperature | -10°C~40°C |
| Storage temperature | -15°C~50°C |
| Overall size | 271*271*74 mm/10.7*10.7*2.9 inch |
| Weight | 3.3kg/7.3lb |

SRC-510

WIRELESS CHARGING REFRIGERANT SCALE

Wireless handle and additional charge and recovery valve included



SPECIFICATION

| | |
|-----------------------|----------------------------------|
| Model | SRC-510 |
| Max capacity | 100kg / 220lb |
| Resolution | 5g |
| Accuracy | ±0.05% rdg +10g |
| Power supply | 5AA (Scale) +5*AAA (handle) |
| Operating temperature | -10°C~40°C |
| Storage temperature | -15°C~50°C |
| Overall size | 271*271*74 mm/10.7*10.7*2.9 inch |
| Weight | 3.8kg/8.3lb |

SERIES 03

DIGITAL PRESSURE GAUGE

MS-1000/VGW MINI/VGW-760/PT-500&PT-800/PG-30PRO

SMG-1H/1L/PGW-500/PGW-800/PT-500/PT-800/DMG-1/DMG-1B/DMG-3/DMG-3B

PRODUCT FEATURES

This digital manifold is used for air evacuation and compression in refrigeration maintenance operation and refrigerant charging of air-conditioning systems. It can display system pressure in real time

- Digital display with backlight
- Support most common refrigerants
- Data analysis and export via App by the Bluetooth



iOS



Android

MS-1000 2 VALVES DIGITAL MANIFOLD

- Large display for clearer data reading
- Ultra-low power consumption, longer battery life
- Dual temperature compensation pressure sensor, more stable performance
- Supports multiple refrigerants, calculate superheating and subcooling automatically



SPECIFICATION

| | |
|------------------------|----------------------------|
| Pressure Range | -14.5-800psi |
| Accuracy | ±0.5%FS |
| Resolution | 0.5psi |
| Temperature range | -40°C~150°C/-40°F~302°F |
| Temperature Accuracy | ±0.5°C/±0.9°F |
| Temperature resolution | 0.1°C/0.2°F |
| Pressure units | kPa, MPa, bar, psi, kg/cm2 |
| Temperature units | °C, °F |

VGW MINI MICRO VACUUM GAUGE

- 5-digit LCD screen features blue backlight for easy readability
- Bronze inlet filter has better sensor protection
- Audio and visual alarm when vacuum reaches the set point
- Bluetooth technology provide communication through Elitech App



SPECIFICATION

| | |
|--------------------------------|--|
| Measuring range | 1-19000 microns |
| Resolution | 1-400 1 micron; 400-3000 10 microns; 3000-10000 100 microns; 10000-19000 250 microns |
| Accuracy | 1-10000 microns ±10% of Reading ± 10microns; 10000-19000microns ±20% of Reading |
| Units | inHg,Torr, psia, mbar, mTorr, Pa, microns, kPa |
| Max over pressure | 27.5 bar |
| Operating temperature | 14-140°F/-20-60°C |
| Fitting | 1/4SAE Male Flare |
| Wireless transmission distance | 30m |

VGW-760 VACUUM GAUGE

- Oil-Resistance、NO-Clean、High Accuracy
- View data on mobile app
- Record data and generate report
- Data analysis in graphs



SPECIFICATION

| | |
|--------------------------------|--|
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| Operating temperature | 14-140°F/-20-60°C |
| Fitting | 1/4SAE Male Flare |
| Wireless transmission distance | 30m |

PT-500&PT-800 WIRELESS THERMOMETER PRESSURE GAUGE

- Real-time display of system pressure and temperature
- 140 type of compatible refrigerants
- Record data and generate report
- Superheating/Subcooling can be calculated automatically and displayed



SPECIFICATION

| | |
|-------------------------|--|
| Pressure Range | -14.5-500psi (PT-500) -14.5-800psi (PT-800) |
| Accuracy | ±0.5%FS |
| Resolution | 0.5psi |
| Operating temperature | -50°C-150°C |
| Temperature Accuracy | ±0.5°C |
| Resolution | 0.5psi |
| Measurement units | psi , kg /cm2, cmHg , inHg , bar, kPa , MPa |
| Temperature clip length | 1/8NPT |

PG-30PRO DIGITAL PRESSURE GAUGE

- Oil-Resistance, NO-Clean, High Accuracy
- View data on mobile app



SPECIFICATION

| | |
|-----------------------|---|
| Pressure Range | -14.5-500psi (PG-30 Pro Blue) -14.5-800psi (PG-30 Pro Red) |
| Accuracy | ±0.5%FS |
| Resolution | 0.5psi |
| Operating temperature | -10°C~60°C |
| Sampling rate | 1s |
| Backlight time | backlight auto off:3S、4S、5S、10S、15S |
| Measurement units | MPa , kPa , psi , kg/cm2 , bar, cmHg |
| Battery | 3 AAA batteries |

PG-30 DIGITAL PRESSURE GAUGE

- Refrigerant type selection, temperature units of measurement switching, pressure units switching



SPECIFICATION

| | |
|-----------------------|---|
| Pressure Range | -14.5-500psi (PG-30 Blue) -14.5-800psi (PG-30 Red) |
| Accuracy | ±0.5%FS |
| Resolution | 0.5psi |
| Operating temperature | -10°C~60°C |
| Sampling rate | 1s |
| Fitting | 1/8NPT |
| Measurement units | psi , kg /cm2, cmHg , bar, kPa , MPa |
| Battery | CR2450 |

SMG-1L/SMG-1H DIGITAL PRESSURE GAUGE

- Measure system pressure in real time
- Zero offset correction



SPECIFICATION

| | |
|-----------------------|--|
| Pressure Range | -14.5-500psi (SMG-1L) -14.5-800psi (SMG-1H) |
| Accuracy | ±0.5%FS |
| Resolution | 0.5psi |
| Operating temperature | -10°C~60°C |
| Sampling rate | 1s |
| Measurement units | MPa, bar, psi, kPa, kg/cm2, cmHg |
| Battery | 3 AAA batteries |
| Battery life | 6 months |

PGW-500/PGW-800 WIRELESS PRESSURE GAUGE

- Recording and reporting
- Superheat/subcool calculation



SPECIFICATION

| | |
|-----------------------|--|
| Pressure Range | -14.5-500psi (PGW-500) -14.5-800psi (PGW-800) |
| Accuracy | ±0.5%FS |
| Resolution | 0.5 psi |
| Operating temperature | -10°C~60°C(14°F-140°F) |
| Offline records | 9943 readings |
| Measurement units | psi , kg /cm2, cmHg , inHg , bar, kPa , MPa |
| Battery | 3 AA alkaline batteries |
| Battery life | 300 hours |

PT-500/PT-800 WIRELESS PRESSURE GAUGE

- Data graph analysis
- Temperature Clamps Included



SPECIFICATION

| | |
|-----------------------|--|
| Pressure Range | -14.5-500psi (PT-500) -14.5-800psi (PT-800) |
| Accuracy | ±0.5%FS |
| Resolution | 0.5 psi |
| Operating temperature | -10°C~60°C(14°F-140°F) |
| Offline records | 7000 readings |
| Measurement units | psi , kg /cm2, cmHg , inHg , bar, kPa , MPa |
| Battery | 3 AA alkaline batteries |
| Battery life | 300 hours |

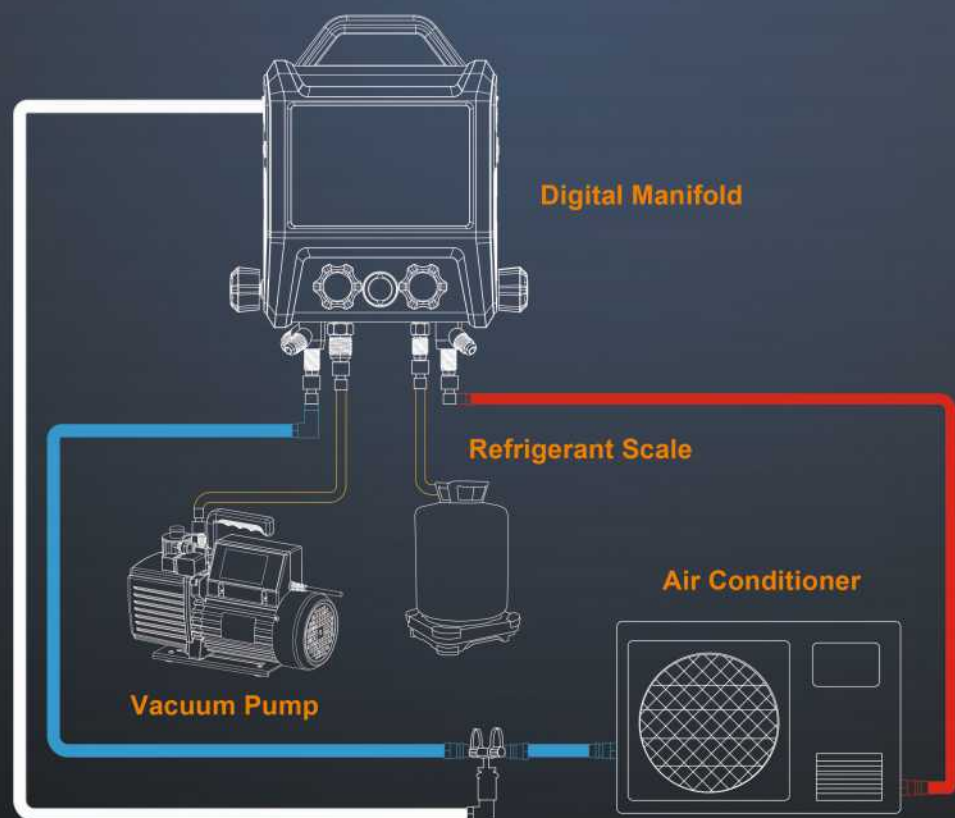
DMG-1/DMG-1B DIGITAL MANIFOLD SET

- Professional Design: 3-Ways Air conditioning diagnostic manifold gauge set
- Easy to use: Double pressure test, dual temperature test
- High Accuracy: High-quality dual-table valve with imported pressure sensor
- Long battery life: Powered by 3V CR2450 button battery



SPECIFICATION

| | |
|-----------------------|--|
| Pressure Range | -14.5-500psi (Low) -14.5-800psi (High) |
| Accuracy | ±0.5%FS |
| Resolution | 0.5psi |
| Operating temperature | -10°C~60°C |
| Sampling rate | 1s |
| Fitting | 1/4SAE |
| Measurement units | psi , kg /cm2, cmHg , inHg , bar, kPa , MPa |
| Battery | CR2450 |
| Notes | DMG-1 come with 2 quick couplers for R134A service ports |



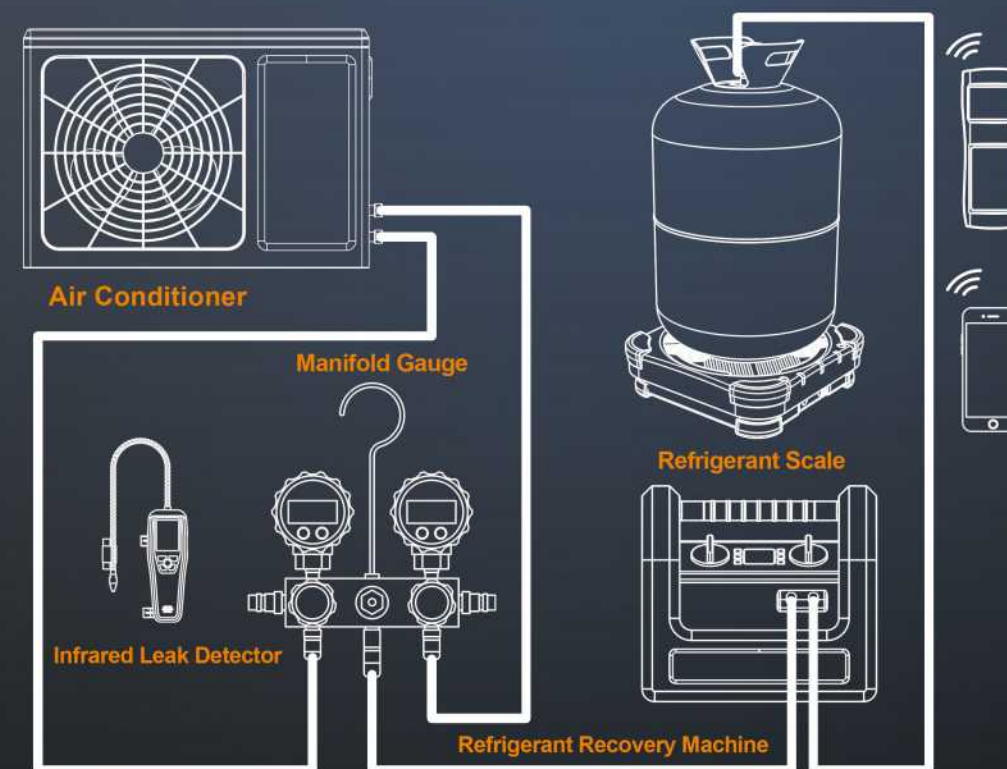
DMG-3/DMG-3B DIGITAL MANIFOLD SET

- high precision, excellent workmanship and stable performance
- Applicable for air evacuation and compression in refrigeration maintenance operation and refrigerant charging of air-conditioning systems



SPECIFICATION

| | |
|-----------------------|---|
| Pressure Range | -14.5-500psi (PG-30 Pro Blue) -14.5-800psi (PG-30 Pro Red) |
| Accuracy | ±0.5%FS |
| Resolution | 0.5psi |
| Operating temperature | -10°C~60°C |
| Sampling rate | 1s |
| Measurement units | MPa , kPa , psi , kg/cm2 , bar, cmHg |
| Battery | 3 AAA batteries |
| Fitting | 1/4SAE |
| Notes | DMG-3 come with 2 quick couplers for R134A service ports |



SERIES 04

DIGITAL THERMOMETER

VT-10 BT-1/3 WT-1B/WT-9A INFRARED & NTC THERMOMETER

PRODUCT FEATURES

- The thermometer is widely used in food, barbecuing, aquatic breeding, medical treatment, greenhouse, nursery garden, etc
- It is also suitable at home and office, hotel, restaurant, school, factory, meeting room, etc

VT-10 VACCINE THERMOMETER

- The thermometer features dual temperature sensors, liquid crystal display, Max/Min recording, high/low temperature, etc. The external sensor wire is 3m long with a buffer bottle to ensure the measured temperature is not affected by that of abrupt or frequent fluctuations
- Applicable to medical fridges, food freezers, etc



SPECIFICATION

| | |
|-----------------|----------------------------|
| Measuring range | -50~70°C/-58~158°F |
| Sampling rate | 10s |
| Accuracy | ±0.5°C(-50-70°C/-58-158°F) |
| Resolution | 0.1°C/0.1°F |
| Battery | CR2450 |
| Battery life | 3000h |

BT-3 THERMOMETER & HYGROMETER

- One channel humidity measurement
- Two channels of temperature measurement
- Alarm clock



SPECIFICATION

| | |
|-----------------|--|
| Measuring range | Inner temperature : 0 ~50°C (-22 ~122°F) Outside temperature : -50 ~70°C (-58 ~158°F) |
| Humidity Range | 10%RH ~99%RH |
| Accuracy | ±1°C (0°C ~40°C) ; ±3°C (other) ; Humidity Accuracy : ±5% |
| Resolution | 0.1°C |
| Battery | 1 AAA alkaline battery |
| Product size | 111*101*21.5mm |
| Sensor length | 2m, White |

WT-1B THERMOMETER

- Pen-shaped and portable, long stainless steel probe, °C/°F switch, auto off
- Ideal for measuring temperature of food, barbecue, baking, etc



SPECIFICATION

| | |
|-----------------|-----------------------|
| Measuring range | -50 - 300°C |
| Accuracy | ±1°C (-20~80°C) |
| Resolution | 0.1°C |
| Battery | 1 LR44 button battery |
| Product size | 205*20mm |
| Sensor length | 110mm, Steel pole |

WT-9A THERMOMETER

- Large LCD display, Auto shut-off, High sampling frequency, Stainless steel probe, Solar energy powered, environment friendly and energy saving
- Ideal for measuring temperature of food, barbecue, baking, etc



SPECIFICATION

| | |
|-----------------|--|
| Measuring range | -50 - 300°C |
| Accuracy | ±1°C (-20~80°C) |
| Resolution | 0.1°C |
| Battery | Solar battery and Ni-MH rechargeable battery |
| Product size | 3.5*140 mm |
| Sensor length | 160mm, Steel |

INFRARED & NTC THERMOMETER



SPECIFICATION

| | |
|----------------------------|---|
| Infrared temperature range | -50°C~490°C (-58°F~914°F) |
| Infrared Sensor accuracy: | ±2°C (-50°C~0°C), ±1.5°C (50°C~100°C), 100°C above: ±2% of Readings |
| NTC temperature range | -50°C~300°C |
| NTC accuracy | ±2°C(-50°C~-20°C), ±1°C (0°C~100°C), ±2% (100°C~300°C) |
| Environment measure range | -50~80°C |
| Resolution | 0.1°C |
| Optical resolution | 10:1 |
| Emissivity | 0.1~1 adjustable |
| Sampling rate | 0.5S |
| FOV | <=10° |
| Battery | 102050 lithium battery (rechargeable) |
| Size | 188*52*23.8mm |
| NTC probe length | 116mm |