

SMART SOLUTIONS FOR YOUR REFRIGERATION ELITECH HVAC/R TOOLS



HVAC/R SERVICE TOOLS
INTELLIGENT. ACCURATE. RELIABLE



ABOUT ELITECH

Jiangsu Jingchuang Electrics Co.,Ltd(Known as Elitech) is a global manufacturer in the design, development and manufacture of refrigeration service instrument.

Backed by more than 26 years of measuring and detecting engineering experience, we are committed to providing the most innovative products, excellent service and quality in the industry.

Elitech has a global presence with overseas offices in USA, UK, Brazil, Poland and Russia, also with domestic office in Shanghai, Shenzhen, Nanjing and Xuzhou in China. We have numerous R&D facilities with 220 engineers that develop over 100 new products each year.

As a National High-Tech Enterprise, Elitech owns 150 authorized patents, including 58 software patents. We are awarded Jiangsu Sci-Tech SME and Jiangsu Innovation Enterprise.

RESEARCH LABORATORY

Test room

Elitech has established an EMC test laboratory. It can complete the whole project test experiment including environmental test, vibration test, waterproof test, safety test, performance parameter test, environmental test, EMC anti-interference test and so on.

Product Reliability Test

Pressure/Vacuum Calibration Instrument

Automatically identify the pressure module of the product, measure and generate the pressure or vacuum. It measures and calibrates the power of the pressure transmitter.

Electrostatic Discharge Tester

Simulate the discharge of static electricity of the human body when it touches the surface of a product on metal objects. The reliability is guaranteed through testing.

High and Low Temperature Alternating Hot and Humid Box

Test and determine the parameters and performance of electronic and other materials after high temperature, low temperature, alternating humidity and heat or constant temperature changes environment.

Electrical Transient Conduction Group Pulse Generator

Evaluate the performance of power lines, signal lines or control lines of electronic products when subjected to electrical fast transient pulse group interference.

Ultra-low Temperature Verification Constant Temperature Device

Used for the detection of physical parameters of thermometers, temperature controllers, temperature sensors, etc.

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02. REFRIGERANT LEAK DETECTOR

03. ELECTRONIC REFRIGERANT SCALES

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05. DIGITAL THERMOMETER

01. Innovative New Released Tools Showcase ▶

Smart Vacuum Pump Showcase-V700/V900/V1200

Smart Digital Manifold Showcase-MS-2000/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

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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
- 5" Smart Touch Screen

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/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

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

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

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

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 off set 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

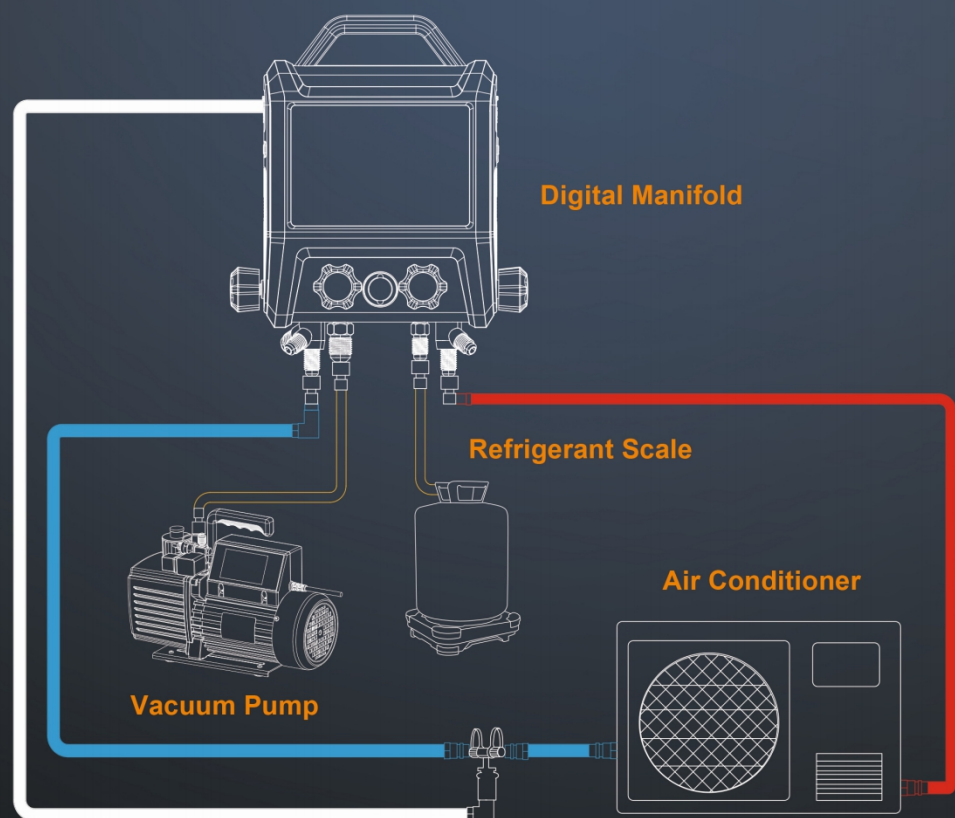
DMG-1/DMG-1B DIGITAL MANIFOLD SET

- 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



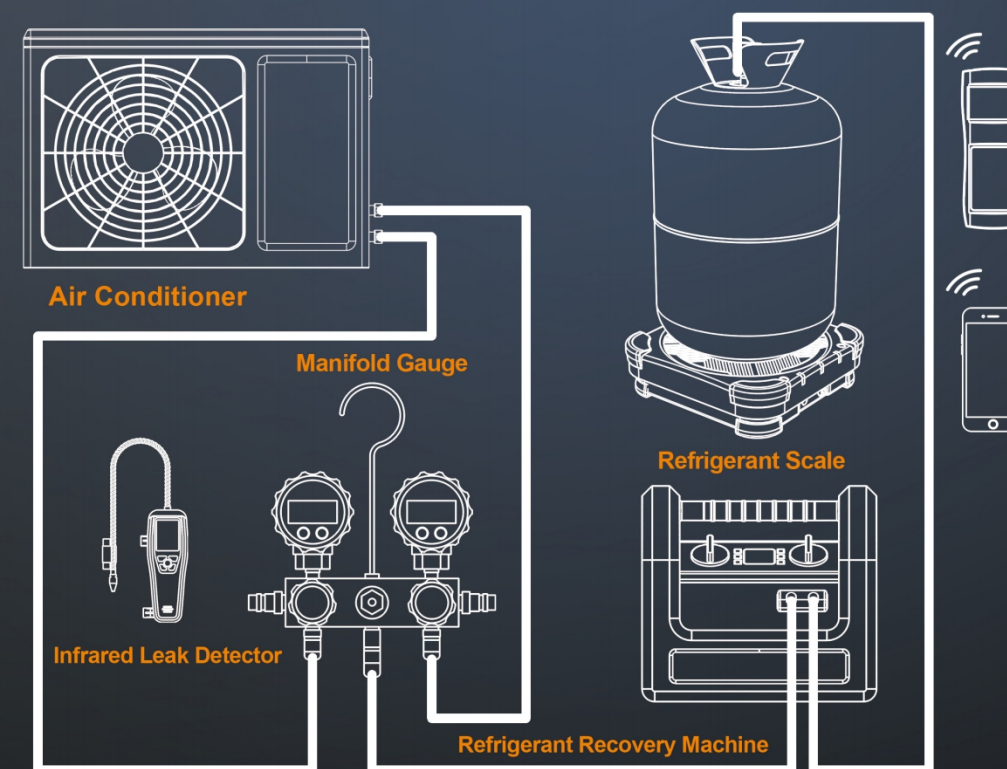
DMG-3/DMG-3B DIGITAL MANIFOLD SET

- 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