About Elitech

Elitech is an innovative company specializing in the R&D and manufacturing of instruments and control systems. We focus on technologies such as temperature measurement and control, industrial leak detection and vacuum systems, multi-parameter data loggers, and particulate monitoring. Elitech also provides cloud-based system integration and AI-driven industry solutions. Our products are widely used in commercial and industrial refrigeration, heat pumps, food and pharmaceutical cold chain, light commercial applications, environmental monitoring, and new energy sectors. We are committed to global expansion.

AI Measurements Instruments
Beyond Measurement Into Insight
Product Catalog

JOIN OUR DISTRIBUTOR CHANNEL !

1 Sales Strategy

2 Marketing Campaigns

**3** Training and Technical Support

5 After-Sales Service

4 Logistics and Inventory Support

MS-4000
MS-870
MS-100 Plus
VGW-760 Pro
U1
IPT-01S
Inframate PPM
SVP-DC

AI ECO

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Elitech Global

Global Layout

Elitech UK

Elitech USA

Miami

Egypt

UAE

India

Global Manufacturing Base

Vietnam

Thailand

Sao Paulo
Elitech Brazil

30+ **Million Pieces**
Overseas sales

120+ **Countries**
Overseas business coverage

60+ **Trademarks**
Registered on overseas countries

730+ **People**
Number of employees

Megafactory

21 **Thousand**+ **Square meters**
Factory area

7.6 **Million**+ **Pieces**
Annual producing capacity

200+ **Sets**
Various automation equipment

R&D Strength

160+ **People**
R&D engineer

7% **Sales Revenue**
R&D investment

200+ **Items**
International patents

3 **Major R&D Centers**
USA, China

Laboratory

World Health Organization FDA ISO ISO9001 EN12830 CE UKCA FC UL IEC UN38.3 RoHS

300+ **Sets**
Inspection & Laboratory equipment

8 **Pieces**
Functional area

CNAS
Accreditation

AI Measurements Instruments

Elitech, as one of the globally renowned smart HVAc/R tools suppliers, We have completely revolutionized traditional HVAc/R tools by redefining the future of HVAc/R tools.

Using various sensors, relays (simple calculations), data collection and storage, connectivity, big data analytics, and artificial intelligence (AI).


Energy -saving analysis

All In Cloud AI

APP

Operation and maintenance management

Intelligent diagnosis

Innovating Beyond Tradition: Analysis Of The Unique Advantages Of AI Measurements Instruments

01
Enable predictive maintenance, reduce downtime and extend the lifespan of HVAC/R system.

02
Diagnose energy and maximize its system efficiency to create a green future.

03
Through data collection and big data calculation, intelligent diagnosis of device faults.

04
Enhance work efficiency and simplify operations. AI replaces experienced technicians, enabling even novices to complete complex tasks, significantly reducing labor costs.

05
OTA remote upgrade, more functions can be expected based on your new need.

06
Make work traceable: data transparency visualization.

AI ECO

Real-time Cold Chain Monitoring Solution
Life Science Cold Chain

Elitech iCold Pharmaceutical Cold Chain Solution is mainly oriented to the field of life sciences. It performs network monitoring on different aspects of the production, storage, transportation and sales of vaccines and special drugs, and uploads the monitored temperature and humidity data to the cloud in accordance with the same national standards. The platform can be connected to the cold chain monitoring platform in order to monitor, collect statistics, analyze and share information on the collected data, so as to ensure the safety, compliance and full-process monitoring of all aspects of Medical cold chain.

Compliance
Passed FDA certification and complies with international pharmaceutical industry standards.

Networked alarms
After the sensor is triggered, the platform is manned 24 hours a day to deliver notifications in a timely manner to ensure drug safety.

Waybill management
Real-time viewing of drug temperature, humidity, and transportation trajectories enables multiple early warnings and data backtracking.

Security monitoring
Monitor all aspects of raw material procurement, production, research and development, storage and transportation.

Compliance
Real-time analysis of data is performed through big data cloud computing to form reports, which can be printed and exported on-site.

Compliance
Suitable for temperature and humidity monitoring in medical warehouses, medical boxes, medical cabinets, medical laboratories and other places.

Real-time Cold Chain Monitoring Solution
Food Cold Chain

Elitech iCold can provide a full-process solution for the food cold chain. It uses IoT big data, cloud computing and other technologies to supervise every link of food production, transportation, storage and other aspects in real time through intelligent hardware, monitor temperature and humidity changes, and ensure food safety, reducing food loss and improving transportation rate. It also provides solutions for chain catering stores. Through the monitoring of store facilities and equipment, the headquarters can manage all its stores, control food safety conditions, grasp the energy consumption of cold storage and freezers, and provide early warning of abnormal trends.
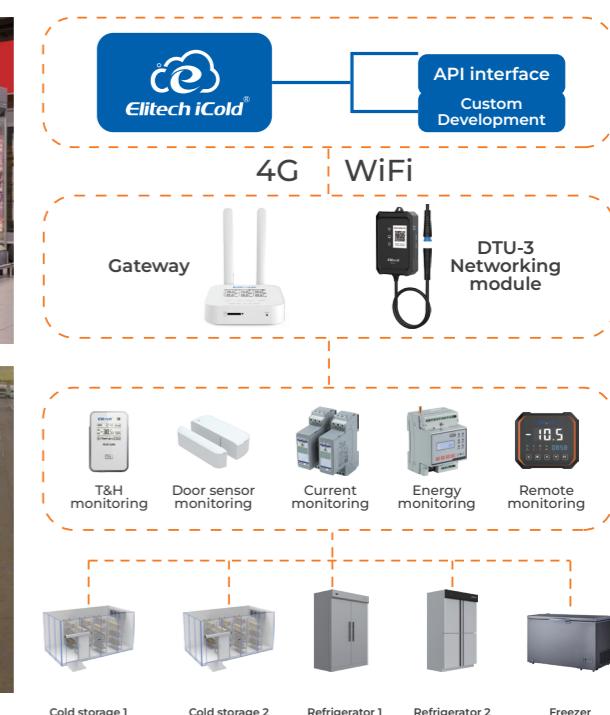
Temp & humi monitoring
Achieve accurate control of temperature and humidity in cold storage / refrigerator and collect historical data records to ensure food safety

Compressor monitoring
Monitor compressor current, voltage, overload and other issues to ensure equipment operation and report abnormal conditions in a timely manner.

Energy consumption monitoring
Monitor and analyze cold storage energy consumption through the ECO² cloud computing algorithm to achieve energy saving.

Food safety monitoring
According to the food type and storage requirements, simulate the core temperature of the food and provide early warning of abnormalities.

Door status monitoring
Monitor and record the status of the door switch of the monitored cold storage or equipment, and the door switch data can be traced.

System integration
Integrate a variety of sensors and upload monitoring data to the cloud platform to achieve centralized management and control of multiple stores.

Smart Retail ALL IN ONE Solutions

Shelf display recognition sales movement management

Provide commercial analysis based on behavioral data

Asset Location

Customer Flow Analysis

Merchandising Display

Conversion Rate Improvement

Restock Reminder

Smarter IoT Controller
4G

Motion Sensor
Passenger flow analysis
Automatic recognition
of business mode

Integrated Camera
SKU identification
of goods

Compressor Overcurrent Protection
Fault Diagnosis

UPS Battery
Power outage alarm

IoT Solution For Chain Catering Stores

Efficient equipment operation and maintenance

Diagnose high-energy-consuming equipment
Energy-saving control algorithms

Business BI analysis operation and energy consumption analysis food safety traceability etc.

Elitech iCold®

DTU/Edge Gateway Box
4G

DTU-4

IoT Controller

NGS-20

Refrigerator Temperature Data Logger

RCW-3000/3200

Kitchen Refrigerator Controller

Elitech -28.6

LTW-200Pro

Display Cabinet Controller

LTW-90

Smart Controllers for Cold Room Stores

CoolRobot 1207 -12.6 56

Coolrobot 1

AI inspection 5 times
-10°C
Overload shutdown
-18°C
6°C
Heating wire damage
10°C
Blockage Defrosting ice
12°C

Smart Digital Manifold

MS-870

Order no.: 0401 0223 **Case Qty:** 4

4 VALVE **A2L COMPATIBLE**

Highlight

- 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

MS-870 Smart Kit

Order no.: 0401 0229 **Case Qty:** 3

4 VALVE **A2L COMPATIBLE**

Kit List

- MS-870 Smart digital manifold
- Wired temperature clamp (2 pcs)
- Vacuum tube 3/8" SAE
- Hose filling set with ball valve 1/4" SAE (3 pcs)
- R410A safety valve
- R410A adapter 5/16" SAE female to 1/4" SAE male flare (2pcs)
- Instrument case

*The highlights are the same as those of the MS-870

MS-870 Smart Premium Kit

Order no.: 0401 0205 **Case Qty:** 3

4 VALVE **A2L COMPATIBLE**

Kit List

- MS-870 Smart digital manifold
- IPT-01S Wireless temperature clamp (2 pcs)
- Vacuum tube 3/8" SAE
- Hose filling set with ball valve 1/4" SAE (3 pcs)
- R410A safety valve
- R410A adapter 5/16" SAE female to 1/4" SAE male flare (2pcs)
- Instrument case

*The highlights are the same as those of the MS-870

MS-4000

Order no.: 0401 0114 **Case Qty:** 3

4 VALVE **A2L COMPATIBLE**

Highlight

- Extra large touch color screen, more comprehensive intelligent analysis display
- Visualize system diagnostic data: the process is visible, the results are intuitive, and the records are traceable
- The APP can instantly export offline data and provide intelligent analysis to assist decision-making
- Personalized selection of refrigerant types, 140+ continuously updated...
- Switch between dark and bright modes, solving the problem of strong light with one click

Accessory List

- MS-4000 Smart digital manifold
- Wired temperature clamp (2 pcs)
- Vacuum transmitter
- Vacuum tube 3/8" SAE
- Hose filling set with ball valve 1/4" SAE (3 pcs)
- Transmitter bending joint, Transmitter T-joints
- Instrument case
- Universal power adapter
- USB-C cable

- R410A adapter 5/16" SAE female to 1/4" SAE male flare (2pcs)
- 3/8" SAE adapter

MS-810

Order no.: 0401 0224 **Case Qty:** 4

A2L COMPATIBLE

Highlight

- 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

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MS-810 **Smart Kit**

Order no.: 0401 0206   **Case Qty: 3**

Kit List

- MS-810 Smart digital manifold
- Wired temperature clamp (2 pcs)
- Hose filling set 1/4" SAE (3 pcs)
- R410A adapter 5/16" SAE female to 1/4" SAE male flare（2pcs)
- Instrument case

*The highlights are the same as those of the MS-810

MS-100

Order no.: 0401 0157   **Case Qty: 18**

Highlight

- Firmware updatel in the instrument via App
- Powerful computing power, 140+ refrigerant switching, and can be customized
- Bluetooth connection to mobile phone APP, more than a little easier to use
- Digital sensor with built-in temperature compensation for more accurate detection
- Anti-drop design, small for easy carry

Accessory List

- MS-100 Smart digital manifold
- Tool bag

1

MS-1000S

Order no.: 0401 0127   **Case Qty: 5**

Highlight

- Supported mobile APP viewing and report analysis (curve analysis, data viewing)
- OTA (Firmware updatel) in the instrument via App, always keep the device in the best conditior
- Real-time data recording, system analysis is efficient and convenient
- Powerful computing power, supporting multiple refrigerants

Accessory List

- MS-1000S Smart digital manifold
- Wired temperature clamp (2 pcs)
- Hose filling set 1/4" SAE (3 pcs)
- R410A adapter 5/16" SAE female to 1/4" SAE male flare (2pcs)
- Instrument case

DMG-3/3B

Order no.: 0401 0069/0401 0071

Case Qty: 3/3

Highlight

- High & low pressure measurement, dual temperature test, digital display, multi-unit switching, multi-mode function
- Supports 97 refrigerants
- High precision, stable performance

Accessory List

DMG-3
- DMG-3 Digital manifold
- Hose filling set 1/4" SAE (3 pcs)
- Quick coupler (2 pcs)
- Corkscrew
- Valve core wrench
- R410A adapter 5/16" SAE female to 1/4"
- SAE male flare (2 pcs)
- Instrument case

DMG-3B
- DMG-3B Digital manifold
  *The remaining accessories are the same as those of DMG-3

MS-100 Plus

Order no.: 0401 0189   **Case Qty: 18**

Highlight

- Smart APP connects 140+ refrigerants with free switching and custom settings
- Remote OTA firmware updates via App to maintain optimal device condition
- High-definition color screen for clear and intuitive operation
- Multi-function device with working modes including pressure holding and vacuum
- Compact modern design that's portable, sturdy and durable

Accessory List

- MS-100 Plus Smart digital manifold
- R410A safety valve
- R410A adapter 5/16" SAE female to 1/4" SAE male flare (2pcs)
- Tool bag
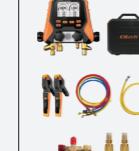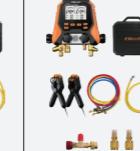
SMG-1L/SMG-1H

Order no.: 0401 0065/0401 0067

Case Qty: 15/15

Highlight

- High & low pressure measurement, dual temperature test, digital display, multi-unit switching, multi-mode function
- Supports 96 refrigerants
- Zero offset correction
- Ball valve switch for more efficient operation

Accessory List

SMG-1L
- SMG-1L Digital manifold

SMG-1H
- SMG-1H Digital manifold

Model	MS-4000	MS-870 Smart Premium Kit	MS-870 Smart Kit	MS-870	MS-810 Smart Kit	MS-810
Product image						
Valve	4 Valve	4 Valve			2 Valve	
Pressure measurement range	-14.7~800psi	-14.7~800psi			-14.7~800psi	
Pressure accuracy	±0.5%FS	±0.5%FS			±0.5%FS	
Pressure resolution	0.5psi	0.5psi			0.5psi	
Pressure units	psi, kg/cm², cmHg, inHg, bar, kPa, MPa	psi, kg/cm², kPa, MPa, bar, inHg			psi, kg/cm², kPa, MPa, bar, inHg	
Temperature units	°C/°F/K	°C/°F				
Refrigerant types supported	Over 140 types, and they can be continuously updated via the app					
Superheat/Subcooling calculation	√	√			√	
Temperature compensation calculation	√	√			√	
Vacuum measurement	√ (Equipped with a vacuum transmitter)	√			√	
Data recording/export	√	√			√	
A2L compatible	√	√			√	
Bluetooth/APP/OTA (Firmware update)	√	√			√	
Temperature clamp	Supports wired/wireless temperature clamp					
Working temperature	-10~50°C/14~122°F	-10~50°C/14~122°F			-10~50°C/14~122°F	
Storage temperature	-20~60°C/-4~140°F	-20~60°C/-4~140°F			-20~60°C/-4~140°F	
Display	5" IPS touch color screen (Toggle dark/light mode)	LCD screen (Support backlight)			LCD screen (Support backlight)	
Interface type	1/4SAE×3; 3/8SAE	1/4 SAE×3: 3/8SAE			1/4 SAE×3	
Protection class	×	IP54			IP54	
Power supply	5000mAh	3x1.5V, AA batteries			3x1.5V AA batteries	
Operating hours (Low-power mode)	15h	150h			150h	
Size	254x215x71mm/10x8.46x2.8"	187x185x47mm/7.36×7.28×1.85"			187x185x47mm/7.36×7.28×1.85"	
Weight	1.73kg/3.8lb	1300g/2.87lb			1200g/2.65lb	

Model	MS-1000S	MS-100 Plus	MS-100	DMG-3/DMG-3B	SMG-1L/SMG-1H
Product image					
Valve	2 Valve	2 Valve		2 Valve	1 valve
Pressure measurementrange	-14.7~800psi	-14.7~800psi		-14.7~800psi	
Pressure accuracy	±0.5%FS	±0.5%FS	±1%FS	±0.5%FS	
Pressure resolution	0.5psi	0.5psi	1psi	0.5psi	
Pressure units	psi, kg/cm², kPa, MPa, bar, inHg			psi, kg/cm², kPa, MPa, bar, cmHg	
Temperature units	°C/°F	°C/°F		°C/°F	
Refrigerant types supported	Over 140 types, and they can be continuously updated via the app			97 Types	
Superheat/Subcooling calculation	√	APP		×	
Temperature compensation calculation	√	√	Value-added service	×	
Vacuum measurement	√	√	Value-added service	×	
Data recording/export	√	Value-added service		×	
A2L compatible	√	√		×	
Bluetooth/APP/OTA (Firmware update)	√	√		×	
Temperature clamp	Supports wired/wireless temperature clamp	Supports wireless temperature clamp		×	
Working temperature	-10~50°C/14~122°F			-10~50°C/14~122°F	
Storage temperature	-20~60°C/-4~140°F			-20~60°C/-4~140°F	
Display	Segment display (Support backlight)	LCD color screen (Support backlight)	LCD screen (Support backlight)	Segment display (Support backlight)	
Interface type	1/4 SAE×3	1/4 SAE×3; 1 4 SAE valve core	1/4 SAE×3	1/4 SAE×3	1/4 SAE×2
Protection class	×	IP54		×	
Power supply	3x1.5V AA batteries	2×1.5V AAA batteries		3×1.5V AAA batteries	
Operating hours (Low-power mode)	200h	100h	200h	1500h	
Size	200x110x70mm 7.87×4.33×2.76"	110x75x135mm 4.33×2.95×5.31"		183×168×66mm 7.2×6.61×2.6"	80×200×45mm 3.15×7.87×1.77"
Weight	1000g/2.2lb	700g/1.54lb		960g/2.12lb	460g/1.01lb

Digital Vacuum Gauge

VGW-MiNi

Order no.: 0401 0118   Case Qty: 70

Highlight
- Full viewing angle VA display screen for clear and intuitive dispaly
- Smart APP with supported OTA, Intelligent data analysis by growing wisdom
- Real-time recording of system data, saving manpower supervision
- Intelligent water vapor judgment for accurate judgment of vacuum effect
- Small size, easy to install and use

Accessory List
- VGW-MiNi Digital vacuum gauge
- O-ring（2pcs）
- Oil-proof film（4pcs）
- Tool bag

VGW-MiNi Smart Kit

Order no.: 0401 0182   Case Qty: 42

Kit List
- VGW-MiNi Digital vacuum gauge
- O-ring（2pcs）
- Oil-proof film（4pcs）
- Bend adaptor
- Tee adaptor
- Adaptor rubber plugs（6pcs）
- Tool bag

*The highlights are the same as those of the VGW-MiNi

VGW-760 Pro

Order no.: 0401 0174   Case Qty: 15

Highlight
- Measuring range: full scale
- Wireless transmission distance: 100 meters
- Automatically generate a report on the app side after the leakage test is finished

Accessory List
- VGW-760 Pro Digital vacuum gauge
- O-ring（2pcs）
- Oil-proof film（4pcs）
- Bend adaptor
- Tee adaptor
- Adaptor rubber plugs（6pcs）
- Tool bag

VGW-760

Order no.: 0401 0089   Case Qty: 15

Highlight
- Settable high/low pressure alarms, notifications will be sent when readings go beyond the predetermined value
- Easy conversion between 8 measurement units: inHg, Torr, psi, mbar, mTorr, Pa, microns, Kpa
- Long battery life, up to working 120 hours

Accessory List
- VGW-760 Digital vacuum gauge
- O-ring（2pcs）
- Oil-proof film（4pcs）
- Bend adaptor
- Tee adaptor
- Adaptor rubber plugs（6pcs）
- Tool bag

Model	VGW-MiNi	VGW-MiNi Smart Kit	VGW-760 Pro	VGW-760
Product image				
Measuring range	1~19000 microns		1~760,000 microns	1~19000 microns
Resolution	1~400 1 micron; 400~3000 10 microns; 3000~10000 100 microns; 10000~19000 250 microns		1-500microns 1 microns; 500-2000 microns 5 microns; 2000-5000microns 50 microns; 5000-25000microns 250 microns; 25000-760000microns 500 microns	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		±10% of reading ±10microns (at 25℃)	1~10000 microns ±10% of Reading ± 10microns; 10000-19000microns +20% of Reading
Vacuum units	inHg,Torr, psia, mbar, mTorr, Pa, microns, kPa		inHg,Torr, psia, mbar, mTorr, Pa, microns, kPa	inHg,Torr, psia, mbar, mTorr, Pa, microns, kPa
Temperature units	℃/℉		℃/℉	℃/℉
Max over pressure	27.5bar		27.5bar	27.5bar
Working temperature	-10~50℃/14~122℉		-17.8 ~60℃/0~140℉	-17.8 ~60℃/0~140℉
Storage temperature	-20~60℃/-4~140℉		/	/
Interface type	1/4SAE		1/4SAE	1/4SAE
Wireless transmission distance	30m/99ft		100m/328fft	30m/99ft
Offline data storage	√		√	√
Data recording/export	√		√	√
Bluetooth/APP/OTA（Firmware update）	√		√	√
Display	Negative segment LCD		Dot matrix LCD (Support backlight)	Segment LCD (Support backlight)
Power supply	Rechargeable lithium battery（1000mAh）		3×1.5V AA batteries	3×1.5V AA batteries
Operating hours	>20h		120h（Low-power mode）	120h（Low-power mode）
Size	125×35×28mm/ 4.92×1.38×1.1"		127×74×37mm/5×2.91×1.46"	127*74*37mm/5×2.91×1.46"
Weight	145g/0.32lb		275g/0.61lb	280g/0.62lb

Elitech®

Digital Pressure Gauge

PG-30 Pro Red
Order no.: 0401 0055   **Case Qty:** 36

Highlight
- Use temperature-compensated pressure sensor, temperature drift not exceeding ±0.04%FS/°C
- LCD screen& blue backlight display, partition display for different measurements, direct readings for all measurements
- Various refrigerants options, built-in 97 types
- Zero function, use ZERO button to zero out and correct the system

Accessory List
- PG-30 Pro Red Digital Pressure Gauge

PG-30 Pro Blue
Order no.: 0401 0043   **Case Qty:** 36

Accessory Lis
- PG-30 Pro Blue Digital Pressure Gauge

*The highlights are the same as those of the PG-30 Pro Red

Model	PG-30 Pro Red	PG-30 Pro Blue
Product image		
Pressure measurement range	-14.7~800psi	
Resolution	0.5psi	
Accuracy	±0.5%FS	
Sampling rate	1s	
Pressure units	MPa, bar, psi, kPa, kg/cm², cmHg	
Temperature units	°C/°F	
Refrigerant types supported	97 Types	
Working temperature	-10~50°C/14~122°F	
Storage temperature	-20~60°C/-4~140°F	
Display	Segment display（Support backlight)	
Backlight auto OFF	3s, 4s, 5s, 10s, 15s	
Interface type	1/8 NPT	
Power supply	3×1.5V AAA batteries	
Operating hours(Low-power mode)	1500h	
Over range alarm	Displays -OL-	
Size	98x70x34mm/3.86×2.76×1.34"	
Weight	185g/0.41lb	

Smart Wireless Temperature Clamp

IPT-01S

Order no.: 0401 0177   **Case Qty: 32**

Highlight

- 180° rotatable screen, easy adjustment of the reading angle
- High-precision thermocouple sensor   Faster response and greater accuracy
- View data via app charts   Precise monitoring of the changing process
- Built for Elitech digital manifolds, empowering a smarter, more efficient HVAC tool ecosystem
- Firmware update in the instrument via App, always keep the device in the best condition

Accessory List

- IPT-01S Wireless temperature clamp
- USB-C cable
- Lanyard
- Red marked rubber rings (2 pieces)
- Blue marked rubber rings (2 pieces)

Model	IPT-01S
Product image	
Measurement range	-40~150°C/-40~302°F
Accuracy	±0.5°C/±0.9°F
Resolution	0.1°C/0.18°F
Units	°C, °F, K
Sensor type	Type-T thermocouple sensor
Wireless transmission distance	100m/328ft (in unobstructed environment)
Offline data storage	3000 data points
Data recording/export	√
Bluetooth/APP/OTA（Firmware update）	√
Auto power off	OFF, 15 min, 30 min, 60 min (default 15 min)
Working temperature	-10~50°C/14~122°F
Storage temperature	-20~60℃/-4~140℉
Display	OLED screen
Screen Rotation angle	180°rotatable
Power supply	450mAh 3.7V rechargeable lithium battery
Operating hours(Low-power mode)	60hours
Protection class	IP54
Measure the pipe diameter	6~38mm/0.24~1.50"
Size	110×75×135mm/4.33×2.95×5.32"
Weight	120g/0.26lb
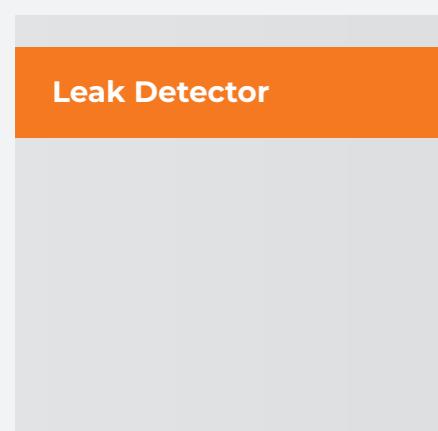
Leak Detector

Inframate PPM
Order no.: 0400 0180   Case Qty: 6

Highlight
- New technology NDIR solution with leakage concentration quantitative display and more anti-interference
- Display ppm value for easy locating the leakage point in complex environment
- View and analyze leakage data through the app, and verify the maintenance effect
- Firmware update in the instrument via App, always keep the device in the best condition
- Sensor life reaches 10 years

A2L COMPATIBLE   **PPM** QUANTITATIVE

Accessory List
- Inframate PPM Infrared leak detector
- UV LED
- Filter components（5 pieces）
- Charging cable
- Extension pole
- Instrument case

Inframate X
Order no.: 0400 0226   Case Qty: 6

Highlight
- Triple-Function Infrared Sensor Capable, simulta-neously detecting halogen, carbon dioxide (CO_2), and hydrocarbon (HC) refrigerants
- The Anti-interference ability is upgraded again，fearless of interfering gases
- Firmware update in the instrument via App, always keep the device in the best condition
- Sensor life reaches 10 years

A2L COMPATIBLE   **3in1**

Accessory List
- Inframate X Infrared leak detector
- UV LED
- Filter components（5 pieces）
- Charging cable
- Extension pole
- Instrument case

Inframate S Max
Order no.: 0400 0232   Case Qty: 6

Highlight
- Detection accuracy: 1g/yr
- Strong anti-interference ;locate leaks easily in complex environments
- The infrared sensor is not easily damaged under high-concentration refrigerant conditions
- Sensor life reaches 10 years

A2L COMPATIBLE   **1**g/yr

Accessory List
- Inframate S Max Infrared leak detector
- UV LED
- Filter components（5 pieces）
- Charging cable
- Extension pole
- Instrument case

Inframate S
Order no.: 0400 0133   Case Qty: 6

Highlight
- Strong anti-interference ;locate leaks easily in complex environments
- The infrared sensor is not easily damaged under high-concentration refrigerant conditions
- Detection accuracy: 4g/yr
- Sensor life reaches 10 years

A2L COMPATIBLE

Accessory List
- Inframate S Infrared leak detector
- UV LED
- Filter components（5 pieces）
- Charging cable
- Extension pole
- Instrument case

Inframate D
Order no.: 0400 0128   Case Qty: 6

Highlight
- Infrared&heating diode sensor 2-in-1 leak detector
- Dual sensors are suitable for more usage scenarios, improving work efficiency
- Detection accuracy: 4g/yr
- Strong anti-interference, faster response

A2L COMPATIBLE   **2in1**

Accessory List
- Inframate D Infrared leak detector
- UV LED
- Filter components（5 pieces）
- Charging cable
- Extension pole
- Instrument case

Inframate C
Order no.: 0400 0152   Case Qty: 6

Highlight
- Find R-744 refrigerant leaks
- Long-life sensor made to last up to ten years
- Detection accuracy: 6g/yr
- Senses change and works in contaminated environments

Accessory List
- Inframate C Infrared leak detector
- UV LED
- Filter components（5 pieces）
- Charging cable
- Extension pole
- Instrument case

HD Mate

Order no.: 0400 0206 **Case Qty: 6**

Highlight

- New generation upgrade sensor with lower power dissipation and higher sensitivity
- 2.8 inches screen, could indicate the leakage directly
- Anti-water design could extend the sensor's working hours
- Air pump direct suction so that could react more quickly

Accessory List

- HD Mate Heated diode leak detector
- UV LED
- USB-C cable
- Instrument case

CPU-C

Order no.: 0400 0133 **Case Qty: 10**

Highlight

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

Accessory List

- CPU-C Halogen leak detector
- Sensor probe（2pcs)
- Aluminum tool case

LD-100+

Order no.: 0400 0150 **Case Qty: 6**

Highlight

- High Sensitivity, quick response and long sensor life time
- 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

Accessory List

- LD-100+ Heated diode leak detector

HLD-200+

Order no.: 0400 0033 **Case Qty: 18**

Highlight

- Low-consumption, compact size, easy to hold and carry
- Fast response, it warms up in 6s and responds in 3s when leakage detected and flashes leakage level indicator light
- 7 Grade sensitivity

Accessory List

- HLD-200+ Halogen leak detector
- Aluminum tool case

CLD-100

Order no.: 0400 0092 **Case Qty: 63**

Highlight

- Detects all types of halogen refrigerants
- 6s preheating time, instantaneous response; 6 adjustable sensitivity
- Direct status indication with audible & visual leakage alarm indicators and dual colour battery indicators

Accessory List

- CLD-100 Halogen leak detector
- UV LED
- Tool bag

WJL-6000S

Order no.: 0400 0123 **Case Qty: 63**

Highlight

- Detects all types of halogen refrigerants
- 7 Adjustable sensitivity
- Equipped with audible and visual gas leakage indicators and dual battery indicators
- Leak detector response within 3 seconds, warm up in 6 seconds

Accessory List

- WJL-6000S Halogen leak detector
- UV LED
- Tool bag

Elitech®

Model	Inframate PPM	Inframate X	Inframate S Max	Inframate S	Inframate D	Inframte C
Product image						
Sensitivity	3g/yr(0.11oz/yr); 0-19999ppm	HAL: 3g/yr(0.11oz/yr) R744: 6g/yr(0.21oz/yr) HCs: 7g/yr(0.25oz/yr)	Maximum 1g/yr(0.03oz/yr)	4g/yr(0.14oz/yr)	Infrared: 4g/yr(0.14oz/yr) Heated diode: 14g/yr(0.11oz/yr)	6g/yr(0.21oz/yr)
Response time	<1s	<1s	<1s	<1s	<1s	<1s
Sensor lifespan	≥10yrs	≥10yrs	≥10yrs	≥10yrs	Infrared: ≥10yrs Heated diode: 2yrs	≥10yrs
Operating mode	Quantitative&Qualitative	Qualitative	Qualitative	Qualitative	Qualitative	Qualitative
Quantitative mode	0~19999PPM	×	×	×	×	×
Data logging	8,000 points	×	×	×	×	×
Bluetooth/APP/OTA（Firmware update）	√	√	×	×	×	×
A2L compatible	√	√	√	√	√	×
Refrigerant	All halogen refrigerants	All halogen refrigerants; R744; HCs:(eg.R290,R600a)	All halogen refrigerants	All halogen refrigerants	All halogen refrigerants (NDIR / Heated diode) HC refrigerants (Heated diode)	R744
Alarm mode	Sound&Display	Sound&Display	Sound&Display	Sound&Display	Sound&Display	Sound&Display
Operating environment	-10°C~52°C/ 14°F~125.6°F	-10°C~52°C/ 14°F~125.6°F	-10°C~52°C/ 14°F~125.6°F	-10°C~52°C/ 14°F~125.6°F	-10°C~52°C/ 14°F~125.6°F	-10°C~52°C/ 14°F~125.6°F
Warm-up time	60s	30s	30s	30s	30s	30s
Reset time	<3s	<3s	<3s	<3s	<3s	<3s
Automatic shutdown	Supports 10min/30min 60min settings with cancel function	10 min	10 min	10 min	10 min	10 min
Display	2.8-inch color display	2.8-inch color display	2.8-inch color display	2.8-inch color display	2.8-inch color display	2.8-inch color display
Power supply	2×18650(2600mAH)batteries	2×18650(2600mAH)batteries	2×18650(2600mAH)batteries	2×18650(2600mAH)batteries	2×18650(2600mAH)batteries	2×18650(2600mAH)batteries
Operating hours	>8h	>8h	>8h	>8h	>8h	>8h
Charging time	Approximately 3h	Approximately 3h	Approximately 3h	Approximately 3h	Approximately 4h	Approximately 4h
Probe length	34cm/13.26"	34cm/13.26"	34cm / 13.26"	34cm/13.26"	34cm/13.26"	34cm/13.26"
Size	201×72×35mm/ 7.91×2.83×1.38"	201×72×35mm/ 7.91×2.83×1.38"	201×72×35mm/ 7.91×2.83×1.38"	201×72×35mm/ 7.91×2.83×1.38"	201×72×35mm/ 7.91×2.83×1.38"	201×72×35mm/ 7.91×2.83×1.38"
Weight	496g/ 1.1lb	450g/0.99lb	450g/0.99lb	450g/0.99lb	450g/0.99lb	450g/0.99lb

Model	HD Mate	LD-100+	CLD-100	CPU-C	HLD-200+	WJL-6000S
Product image						
Sensitivity	3g/yr(0.11oz/yr)	3g/yr(0.11oz/yr)	6g/yr(0.21oz/yr)	3g/yr(0.11oz/yr)	3g/yr(0.11oz/yr)	5g/yr(0.18oz/yr)
Response time	<1s	<1s	<1s	<1s	<1s	<1s
Sensor lifespan	≥500h	≥500h	≥50h	≥50h	≥50h	≥50h
Operating mode	Qualitative	Qualitative	Qualitative	Qualitative	Qualitative	Qualitative
Quantitative mode	×	×	×	×	×	×
Data logging	×	×	×	×	×	×
Bluetooth/APP/OTA（Firmware update）	×	×	×	×	×	×
Refrigerant	All Halogen Refrigerants HCs:(eg.R290,R600a)	All Halogen Refrigerants HCs:(eg.R290,R600a)	All Halogen Refrigerants HCs:(eg.R290,R600a)	All Halogen Refrigerants HCs:(eg.R290,R600a)	All Halogen Refrigerants HCs:(eg.R290,R600a)	All Halogen Refrigerants HCs:(eg.R290,R600a)
Alarm mode	Sound&Display	Sound&Digital tube	Sound&1 LED light	Sound&7 LED light	Sound&7 LED light	Sound&5 LED light
Operating environment	-10°C~50°C/ 14°F~122°F	0~52°C/32°F~122°F	0~52°C/32°F~122°F	0~52°C/32°F~122°F	0~52°C/32°F~122°F	0~52°C/32°F~122°F
Warm-up time	30s	30s	6s	6s	5s	6s
Reset time	<3s	<10s	2~10s	2~10s	2~10s	2~10s
Automatic shutdown	10min	30min	/	/	/	/
Display	2.8-inch color display	Digital tube	×	×	×	×
Power supply	2×18650(2600mAH)batteries	3x1.5V AA batteries	4x1.5V AAA batteries	2×Size 2 alkaline batteries	2x1.5V AA batteries	4x1.5V AAA batteries
Operating hours	>8h	>7h	20h	20h	20h	20h
Charging time	Approximately 4h	/	/	/	/	/
Probe length	34cm/13.26"	42cm/16.5"	20cm/7.9"	36.5cm/14.4"	30.5cm/12"	20cm/7.9"
Size	201×72×35mm 7.91×2.83×1.38"	430×245×70mm 16.93×9.65×2.76"	175×49×55mm 6.89×1.93×2.17"	235×56×55mm 9.25×2.20×2.17"	175×55×34mm 6.89×2.17×1.34"	148×34×37mm 5.83×1.34×1.46"
Weight	450g/0.99lb	340g/0.75lb	156g/0.344lb	312g/0.688lb	312g/0.525lb	162g/0.357lb

Smart Internet of Things Gateway

IOTemp Link
Order no.: 0401 0142 **Case Qty:** 35

Highlight
- Simple and quick configuration enables more efficient intelligent interconnection
- Focus on the refrigeration and HVAC/R industry and precisely control system data
- 4G network communication provides a wider and more stable coverage range
- APP enables remote interconnection, making it more convenient to view data

Accessory List
- IOTemp Link Smart Internet of things gateway
- USB-C cable
- SIM card eject pin

Model	IOTemp Link
Product image	
Adaptation equipment	MS-1000S, MS-100 Plus, MS-100 series smart digital manifold, VGW-760 Pro digital vacuum gauge, SRC series refrigerant scale (Continuously updated)
Transmission distance	100m/328ft (in unobstructed environment)
Maximum number of connected devices	No more than 5 units (Bluetooth devices)
Communication frequency	1s/ time
Upload frequency	1min/ time
Local cache capacity	30,000 pieces of data (automatically cached when the network is disconnected, and transmitted after the network is restored)
Power supply	5000mAh 3.7V rechargeable lithium battery
Charging voltage	5V/2A
Operating hours	50h
Charging time	About 2.5h (compatible with 5V/2A charger)
Protection class	IP54
Service environment	Working temperature: -10~50/14~122°F 35%-85%RH Storage temperature:-20~60°C/-4~140°F
Size	100×35×130mm/3.94×1.38×5.12"
Weight	400g/0.88lb

Smart Vacuum Pump

V700

Order no.: 0403 0032   Case Qty: 1

Accessory List

- V700 Smart vacuum pump
- 330ML&500ML：Vacuum oil (2 pieces)

*The highlights are the same as those of the V1200

SVP-DC Smart Premium Kit

Order no.: 0403 0044   Case Qty: 1

Highlight

- System leakage judgment
- Cordless operation, 100-minute continuous operation
- The split-type Bluetooth operation main，break through the inherent operation limitations
- Bluetooth Connection App，supports OTA remote upgrade, work records, and various features
- The brushless motor makes it safer, equipped with a two-stage system, it is more efficient

Accessory List

- SVP-DC Smart lithium battery vacuum pump
- SVP-RC Bluetooth controller
- MT-BL 1850 Lithium battery (2 pieces)
- Charger
- 330ML：Vacuum oil

V1200

Order no.: 0403 0034   Case Qty: 1

Highlight

- System leakage level judgment
- Vacuum change curve display
- Intelligent start-stop motor and solenoid valve
- Reminder of remaining working hours
- Record and store data, support APP
- Large screen touch operation

Accessory List

- V1200 Smart vacuum pump
- 330ML&500ML：Vacuum oil (2 pieces)

V900

Order no.: 0403 0033   Case Qty: 1

Accessory Lis

- V900 Smart vacuum pump
- 330ML&500ML：Vacuum oil (2 pieces)

*The highlights are the same as those of the V1200

SVP-DC Smart Kit

Order no.: 0403 0038   Case Qty: 1

Kit List

- SVP-DC Smart lithium battery vacuum pump
- SVP-RC Bluetooth controller
- MT-BL 1850 Lithium battery
- Charger
- 330ML：Vacuum oil

*The highlights are the same as those of the SVP-DC Smart Premium Kit

Elitech®

Model	V1200	V900	V700
Product image			
Stage	2 Stages		
Power supply	110V-60Hz; 220V-50/60Hz		
Motor	AC induction motor		
Speed regulation	Fixed speed		
Operating temperature	5~40°C/41~104°F		
Wireless transmission distance	10m/30ft		
Limit vacuum	15 microns		
Display	800×480 Full color touch screen		
Offline data storage	60000 data points		
Data recording/export	√		
Bluetooth/APP/OTA（Firmware update）	√		
Pumping rate	12CFM (5L/S)	9CFM (4L/S)	7CFM (3L/S)
Motor power	1Hp/ 750W	1Hp/ 750w	3/4Hp/550w
Fuel volume	25.3oz/ 750ml	22oz/650ml	22oz/650ml
Air inlet	1/4 SAE; 3/8 SAE		
Size	470×267×380mm/ 18.5x10.5x14.8"		
Weight	16kg/36.8lbl	15.3kg/ 35.3lb	14.8kg/ 34.2lb

Model	SVP-DC Smart Premium Kit	SVP-DC Smart Kit
Product image		
Vacuum Pump：SVP-DC		
Stage	2 Stages	
Rated power supply	18V DC	
Pumping rate	1L/s; 2 CFM	
Extreme pressure	2Pa/15 Microns	
Motor power	180W; 1/4Hp	
Motor type	Brushless motor	
Speed regulation	1000-3500 RPM	
Fuel Volume	260 mL	
Usage environment	5~40°C/41~104°F	
Wireless transmission distance	30m/99ft	
Built in vacuum gauge	1000-65000 Pa ±5%	
Size	25×117×166mm/12.8×4.61×6.54"	
Weight	4.7Kg/10.36lb	
Air inlet	1/4 SAE	
Bluetooth Controller：SVP-RC		
Power supply	5V DC	
Display	320×240 Full color touch screen	
Work data storage	1000 data points	
Data recording/export	√	
Bluetooth/APP/OTA（Firmware update）	√	
Control mode	Touch/rotary button	
Battery life	24h	
Wireless mode	Bluetooth	
Lithium battery：MT-BL 1850		
Battery parameters	18V 5AH	

Refrigerant Scale

SRC-410

Order no.: 0402 0089   Case Qty: 5

Highlight
- Support Elitech Tools App
- The remote stores in the body of the platform for convenient carrying
- Solid aluminum platform with rubber corners means
- Three display modes: kgs, lbs, and oz
- High accuracy and resolution, can be used with all refrigerants

Accessory List
- SRC-410 Refrigerant scale
- Wireless handl
- Charging valve
- Nylon carrying case

U1

Order no.: 0402 0110   Case Qty: 3

Highlight
- Ultra-light and ultra-thin: 50% lighter and 25% thinner than traditional refrigerant scales
- Large screen: 4-inch capacitive touch screen, clear and intuitive display, easy to operate
- Hidden handle: The magazine design of the handle is convenient for storage and use
- Ultra-long distance: Reaching 30 meters

Accessory List
- U1 Refrigerant scale
- U1 Handle controller
- Power adapter*1
- USB-C cable
- Instrument case

SRC-400

Order no.: 0402 0083   Case Qty: 5

Highlight
- High precision & large capacity
- Tough & durable，built with a rugged aluminum body and anti-collision reinforced corners
- Versatile display modes，offers three measurement units (kg, lb, oz) for universal hvac compatibility
- Features a full alarm display to warn technicians when the maximum load is exceeded

Accessory List
- SRC-400 Refrigerant scale
- Nylon carrying case

SRC-510

Order no.: 0402 0093   Case Qty: 5

Accessory Lis
- Support Elitech Tools App
- Comes with a separate electronic charging valve
- Heavy-Duty&durable, constructed with thick aluminum walls, shock-resistant rubber feet
- Features three unit conversions (kg, lb, oz)

Accessory List
- SRC-510 Refrigerant scale
- Wireless handle
- Charging valve
- Nylon carrying case

LMC-100F+

Order no.: 0402 0109   Case Qty: 5

Accessory List
- Higher accuracy&resolution
- Rugged&compact design
- Works up to 30 hours

Accessory List
- LMC-100F+ Refrigerant scale
- Instrument case

SRC-500

Order no.: 0402 0091   Case Qty: 5

Accessory List
- High precision&large Capacity
- Comes with a separate electronic charging valve
- Built-in overweight alarm warns technicians when the maximum weight limit is exceeded
- Heavy-Duty&durable, constructed with thick aluminum walls, shock-resistant rubber feet
- Features three unit conversions (kg, lb, oz)

Accessory List
- SRC-500 Refrigerant scale
- Charging valve
- Nylon carrying case

LMC-100A+

Order no.: 0402 0108   Case Qty: 5

Accessory List
- Higher accuracy&resolution
- High-quality Aluminum alloy construction ensures ruggedness and durability
- The extra-large LCD display with background light
- Works up to 30 hours

Accessory List
- LMC-100A+ Refrigerant scale
- Instrument case

| Model	U1	SRC-510	SRC-500	SRC-410
Product image				
Maximum weight	100kg/220lb	100kg/220lb	100kg/220lb	100kg/220lb
Resolution	5g/0.18oz	5g/0.18oz	5g/0.18oz	5g/0.18oz
Accuracy	±0.05%rdg+10g	±0.05%rdg+10g	±0.05%rdg+10g	±0.05%rdg+10g
Unit	kg g; lb oz	kg; lb; oz	kg; lb; oz	kg; lb; oz
Wireless transmission distance	30m/99ft	30m/99ft"	/	30m/99ft
Bluetooth/APP	√	√	×	√
OTA（Firmware update）	×	√	×	√
Power supply	Handle: 2500mAh lithium battery Scale: 5000 mAh lithium battery	Handle: 5×1.5V AAA batteries Scale: 5×1.5V AA batteries	5×1.5V AAA batteries	Handle: 5×1.5V AAA batteries Scale: 5×1.5V AA batteries
Operating hours	Handl: 6h Scale: 50h	Handl: 50h Scale: 60h	35h	Handl: 50h Scale: 60h
Display	4-inch touch screen	Segment Display (Support backlight)	Segment Display (Support backlight)	Segment Display (Support backlight)
Working temperature	-10℃~40℃/14°F~104°F	-10℃~40℃/14°F~104°F	-10℃~40℃/14°F~104°F	-10℃~40℃/14°F~104°F
Storage temperature	-15℃~50℃/5°F~122°F	-15℃~50℃/5°F~122°F	-15℃~50℃/5°F~122°F	-15℃~50℃/5°F~122°F
Size	246×246×57.5mm/9.7×9.7×2.3"	271×271×74mm/10.7×10.7×2.9"	271×271×74mm/10.7×10.7×2.9"	271×271×74mm/10.7×10.7×2.9"
Weight	2.1kg/4.6lb	5kg/11lb	5kg/11lb	4.2kg/9.2lb

Model	SRC-400	LMC-100F+	LMC-100A+
Product image			
Maximum weight	100kg/220lb	50kg/110lb	100kg/220lb
Resolution	5g/0.18oz	2g/0.07oz	5g/0.18oz
Accuracy	±0.05%rdg+10g	±0.05%rdg+5g	±0.05%rdg+10g
Unit	kg; lb; oz	kg g; lb oz	kg g; lb oz
Wireless transmission distance	/	/	/
Bluetooth/APP	×	×	×
OTA（Firmware update）	×	×	×
Power supply	5×1.5V AAA batteries	6LR61 9V battery	6LR61 9V battery
Operating hours	35h	30h	30h
Display	Segment Display（Support backlight)	Segment Display（Support backlight)	Segment Display（Support backlight)
Working temperature	-10℃~40℃/14°F~104°F	-10℃~40℃/14°F~104°F	-10℃~40℃/14°F~104°F
Storage temperature	-15℃~50℃/5°F~122°F	-15℃~50℃/5°F~112°F	-15℃~50℃/5°F~112°F
Size	271×271×74mm/10.7×10.7×2.9"	227×227×70mm/8.9×8.9×2.7"	227×227×70mm/8.9×8.9×2.7"
Weight	4.2kg/9.2lb	3.5kg/7.7lb	3.5kg/7.7lb

Thermal Imager Camera

TIC-270

Order no.: 0408 0004   Case Qty: 10

Highlight

- Standard Infrared resolution is 256×192, upgraded to 320×240 with Super-Resolution for a clearer image
- Smart image algorithm delivers sharp details and clean visuals
- High sensitivity (NETD ≤ 40mK) detects even tiny temperature changes
- Built-in recording makes later review easy
- PC software auto-creates analysis reports
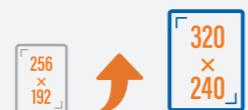
Accessory List

- TIC-270 Thermal Imager Camera
- 32GB SD card
- USB-C cable
- Tool bag

Model	TIC-270
Product image	
Thermal Imaging	
Detector type	12μm uncooled infrared detector
Infrared resolution	256X192
AI Real-time super-resolution	320X240
Spectral band	7.5~14pm
NETD	<40mK (＜0.04°C/＜32.072°F，F 1.0)
Frame rate	25Hz
Lens focal length	3.2mm/0.126in
FOV	56°X42°
IFOV	3.75mrad
Focus mode	Fixed focus
Minimum imaging distance	0.3m/11.81in
Measurement range（Three levels）	Low temperature: -20°C~+150°C/-4°F~302°F High temperature: 100°C~550°C/212°F~1022°F Automatic: -20°C~550°C/-4°F~1022°F
Measurement accuracy	±2°C or ±2% of readings, whichever is greater
Imaging Display	
Display	2.8 inch, 320X240
Visible light camera	2 megapixels
Digital zoom	1X，2X，4X
Palettes	White Hot，Black Hot，Iron，Lava，RainBow，Rainbow HC，RdGy
Image mode	IR, Fuse, PIP, Visible
Temperature width stretch	Auto
Measurement and Analysis	
Analysis functions on the device	Central temperature point/Highest temperature point/Lowest temperature point
Supporting software	PC (Infrared Analysis Software)
System Functions	
Alarm type	Highest/Lowest temperature alarm in fullframe; Image pop-ups, flash prompts; Auto image capture at alarm time(with temperature data)
Power management	Auto shut-down setting
Others	
Power supply	Built-in rechargeable lithium-ion battery
Operating hours	About 11h
Ingress protection rating	IP54
Size	237X75X92mm/9.33×2.95×3.62"
Weight	520g/1.15lbs

Digital Thermometer

ICT-220

Order no.: 0405 0254   **Case Qty:** 56

Highlight

- OTA (Firmware updatel) in the instrument via App, always keep the device in the best conditior
- Faster response time, more frequent data grabs
- APP viewing&scenario-based data analysis
- 2.8-inch COG dot matrix screen, more intuitive display
- Supports various styles of armored K-type thermocouple sensors to make work more professional

Accessory List

- Dual Digital Thermometer ICT-220
- K-type thermocouple sensors（2 pieces）
- Tool bag
- Velcro（2 pieces）

IPT-100S

Order no.: 0405 0263   **Case Qty:** 56

Accessory Lis

- Historical data management，100-day temperature and humidity records visible
- OTA (Firmware updatel) in the instrument via App, always keep the device in the best conditior
- Smartphone connectivity，multi-scenario alarm configuration
- Simple large-screen design, 500-day long-lasting battery life
- Equipped with both high-precision internal and external temperature and humidity sensors

Accessory List

- IPT-100S Temperature and humidity data logger
- External temperature sensor probe
- Magnets（2 pieces）

IPT-100

Order no.: 0405 0261   **Case Qty:** 56

Accessory List

- Historical data management，100-day temperature and humidity records visible
- OTA (Firmware updatel) in the instrument via App, always keep the device in the best conditior
- Smartphone connectivity，multi-scenario alarm configuration
- Simple large-screen design, 500-day long-lasting battery life

Accessory List

- IPT-100 Temperature and humidity data logger
- Magnets（2 pieces）

BT-3

Order no.: 0405 0008   **Case Qty:** 100

Accessory List

- BT-3 Digital Thermometer

WT-2

Order no.: 0405 0138   **Case Qty:** 100

Accessory List

- WT-2 Digital thermometer

WT-1B

Order no.: 0405 0116   **Case Qty:** 250

Accessory List

- WT-1B Digital thermometer

Model	ICT-220	IPT-100S	IPT-100
Product image			
Temperature range	-50～250°C/-58~482°F (Bare wire) -50～500°C/ -58~932°F (Extended armor)	-10°C~50°C/14°F~122°F	-10°C~50°C/14 ℉~122°F
Temperature accuracy	±Max[1°C/ 1.8°F, 0.75%|t |°C]	±0.5°C/0.9°F (10~35°C/50～95°F) ±1°C/1.8°F other ranges	±0.5°C/0.9°F (10~35°C/50～95°F), ±1°C/1.8°F other ranges
Humidity range	/	1%RH~99%RH	1%RH~99%RH
Humidity accuracy	/	±5%RH (40%-75%)，±10% other ranges	±5%RH (40%-75%)，±10% other ranges
External temperature	/	-20°C~70°C/ 4~158°F	/
External accuracy	/	±0.5°C/0.9°F (10~40°C/50～104°F) ±1°C/ 1.8°F other ranges	/
Bluetooth/APP/OTA （Firmware update）	√	√	√
Alarm function	√	√	√
Data recording/export	√	√	√
Data storage	5000 data points	5000 data points	5000 data points
Wireless transmission distance	30m/99ft (in unobstructed environment)	30m/99ft (in unobstructed environment)	30m/99ft (in unobstructed environment)
Display	2.8-inch COG dot matrix scree （Support backlight)	4.5-inch Segment display （Support backlight)	4.5-inch Segment display （Support backlight)
Power supply	3×1.5V AA batteries	3×1.5V AAA batteries	3×1.5V AAA batteries
Operating hours (Low-power mode)	150h	500 days	500 days
Size	90×49×222mm/3.54×1.93×8.74"	118.6×99.5×23.0mm/4.67×3.92×0.91"	118.6×99.5×23.0mm/4.67×3.92×0.91"
Weight	380g/0.84lb	275g/0.61lb	240g/0.53lb

Model	BT-3	WT-2	WT-1B
Product image			
Temperature range	0～50°C/32~122°F	-50～300°C/-58~572°F	-50～300°C/-58~572°F
Temperature accuracy	±1°C/1.8°F (0～50°C/32~122°F)	±1°C/1.8°F （0～60°C/32～140°F) ±1°C/1.8°F （other)	±1°C/1.8°F （-20～80°C/- 4～176°F)
Humidity range	10%RH~99%RH	/	/
Humidity accuracy	±10%	/	/
External temperature	-50～70°C/-58～158°F	/	/
External accuracy	±1°C/±2°F(0～50°C/32~122°F) ±3°C/±5.4°F other ranges	/	/
	×	×	×
Alarm function	×	×	×
Data recording/export	×	×	×
Data storage	×	×	×
Wireless transmission distance	×	×	×
Display	3.8-inch Segment display	/	/
Power supply	1×1.5V AAA battery	1×1.5V AAA battery	1 Button battery (LR44)
Operating hours (Low-power mode)	/	/	/
Size	110×105×25mm/4.33×4.13×0.98"	59×105×19mm/2.32×4.13×0.75"	205×20mm/8.07×0.79"
Weight	155g/0.34lb	75g/0.17lb	35g/0.08lb

Accessories

Model	BVH-15SET-3	H-V-15	RCV-134a	RCV-410A	VCRT-1	BFT-410A
Product image						
Order no.	2104 0700 42	2104 0700 46	2104 0700 47	2104 0700 48	2104 0700 49	2104 0700 50
Case qty	12	12	84	84	30	96
Accessory list	BVH-15SET-3, Hose filling set with ball valve 1/4" SAE (3 pcs)	H-V-15, Vacuum tube 3/8" SAE	RCV-134a, R134A safety valve	RCV-410A, R410A safety valve	VCRT-1, Valve Core Remover Installer Tool	BFT-410A, R410A adapter 5/16" SAE female to 1/4" SAE male flare (5 pcs)

Model	SEALS-SET-1	SEALS-SET-2	SEALS-SET-3	SEALS-SET-4	CPT-01
Product image					
Order no.	2104 0700 51	2104 0700 52	2104 0700 53	2104 0700 54	2104 0700 55
Case qty	20×18（Small package×Outer carton)	20×18（Small package×Outer carton)	20×18（Small package×Outer carton)	20×18（Small package×Outer carton)	48
Accessory list	SEALS-SET-1, Refrigerant hose seals PTFE (10 pcs)	SEALS-SET-2, Refrigerant hose seals HNBR (10 pcs)	SEALS-SET-3, Refrigerant core depressor (10 pcs)	SEALS-SET-4, Brass Valve Core (10 pcs)	CPT-01, Wired temperature clamp (2 pcs)

Smart Cloud Analyzer (A2L)   STAY TUNED...

Quickly Detect the Energy Efficiency Ratio of Heat Pumps

Wind speed probe

Pressure probe

Current probe

Temperature and humidity probe

Smart wireless temperature clamp

All In Cloud

Multi-dimensional data monitoring

Fault analysis

Energy saving analysis

System performance analysis

Daily operation and maintenance

COP calculation

Accessories

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