

Elitech[®]

Innovation Preceding All

Smart HVAC Tools and Controllers Make Your Work Easier

New Technology/New Products/New Future



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01

About Elitech

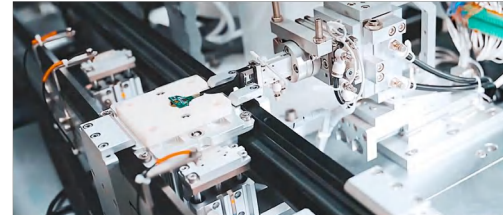
02

Product Overview

PART 01 ABOUT ELITECH



Megafactory



► 4 Business Groups



Elitech Cloud AIOT Cloud Service Platform



Smart HVAC/R Tools

The sales volume of smart leak detector and refrigerant scale is No.1, the world's first intelligent vacuum pump



Refrigeration Industrial Control

Account a 40% market share in China and total sales volume is 30 millions units



Cold Chain Monitoring & IoT Solutions

The sales volume of single-use IoT data logger is No.1



Air Quality Monitoring

Expert in particle detection
Light scattering particle
sensor technology

Megafactory

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97 Thousand +
square meters
Factory Area

7.6 Million +
Pieces
Annual producing
capacity

200 + Sets
Various automation equipment



► Global Layout

30 Million⁺
Pieces
Product certification

120 ⁺
Countries
Overseas business coverage

60 ⁺
Trademarks
Registered on overseas countries

730 ⁺
People
Number of employees

Elitech USA
(San Jose)

Elitech USA
(Miami)

Elitech Brazil

Elitech UK

Elitech Manufacturing Base



► R&D Strength

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300⁺ people

R&D engineer

7% sales
revenue

R&D investment

155⁺ Items

International patents

3 Major R&D
centers

USA, China



CNAS

China National Accreditation
Service for Conformity Assessment

CE

Elitech has complete CE testing qualifications, RF testing equipment, and expertise in near-field communication



► Certification

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World Health Organization
PQS Approved



FDA
21 CFR Part 11 Compliance



ISO
GB/T 45001-2020
idt ISO 5001:2018



ISO
GB/T 24001-2016
idt ISO 14001:2015



ISO
GB/T 19001-2016
idt ISO 9001:2015



EN12830

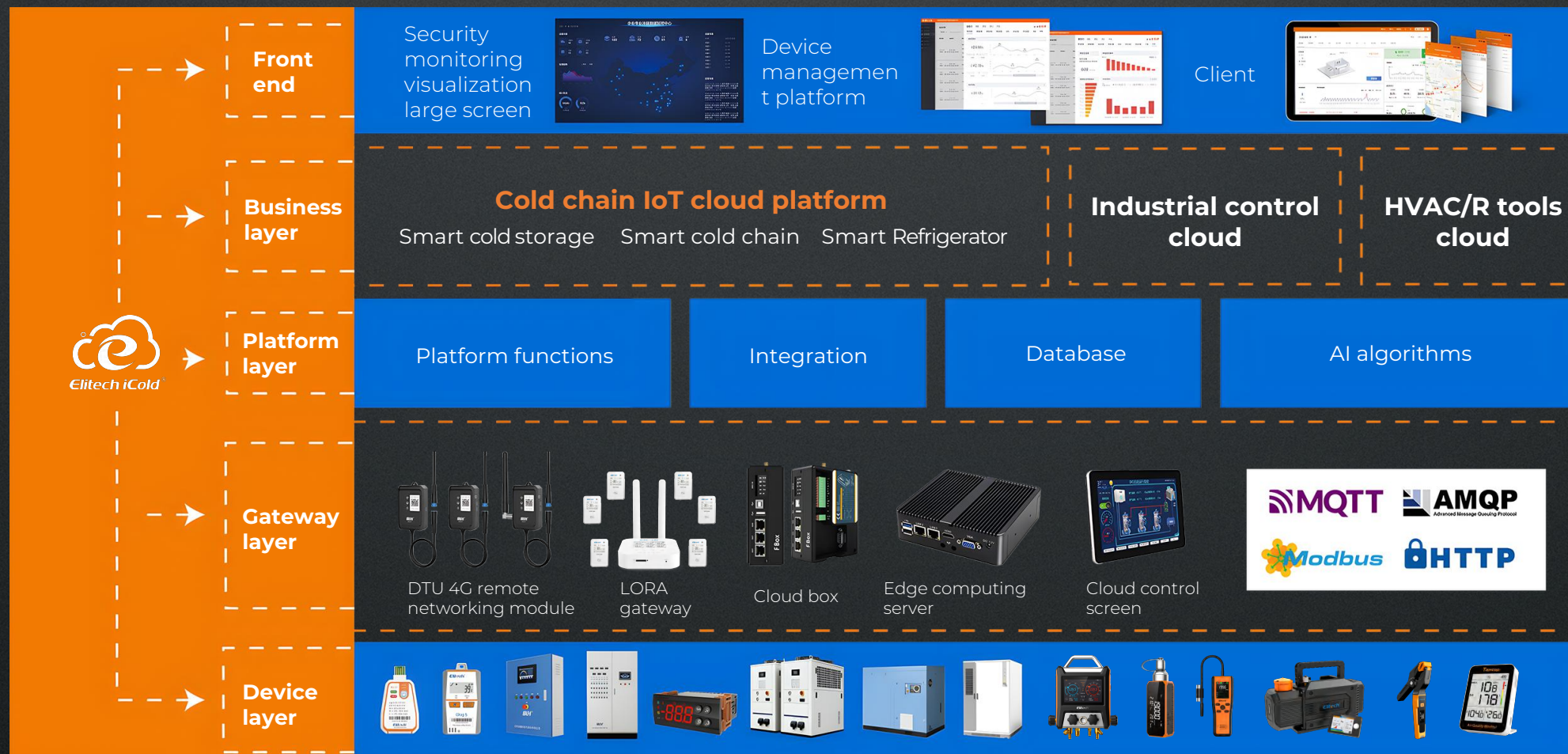


UN38.3 RoHS

▶ Elitech Cloud

The "Elitech Cloud" platform, developed by Elitech Technology, has been connecting smart devices with industries since its launch in 2016, creating a highly efficient and collaborative smart ecosystem.

This has led to the creation of three industry-specific cloud solutions, each offering tailored solutions for different sectors. Here is the system architecture of the Elitech Cloud platform



PART 02

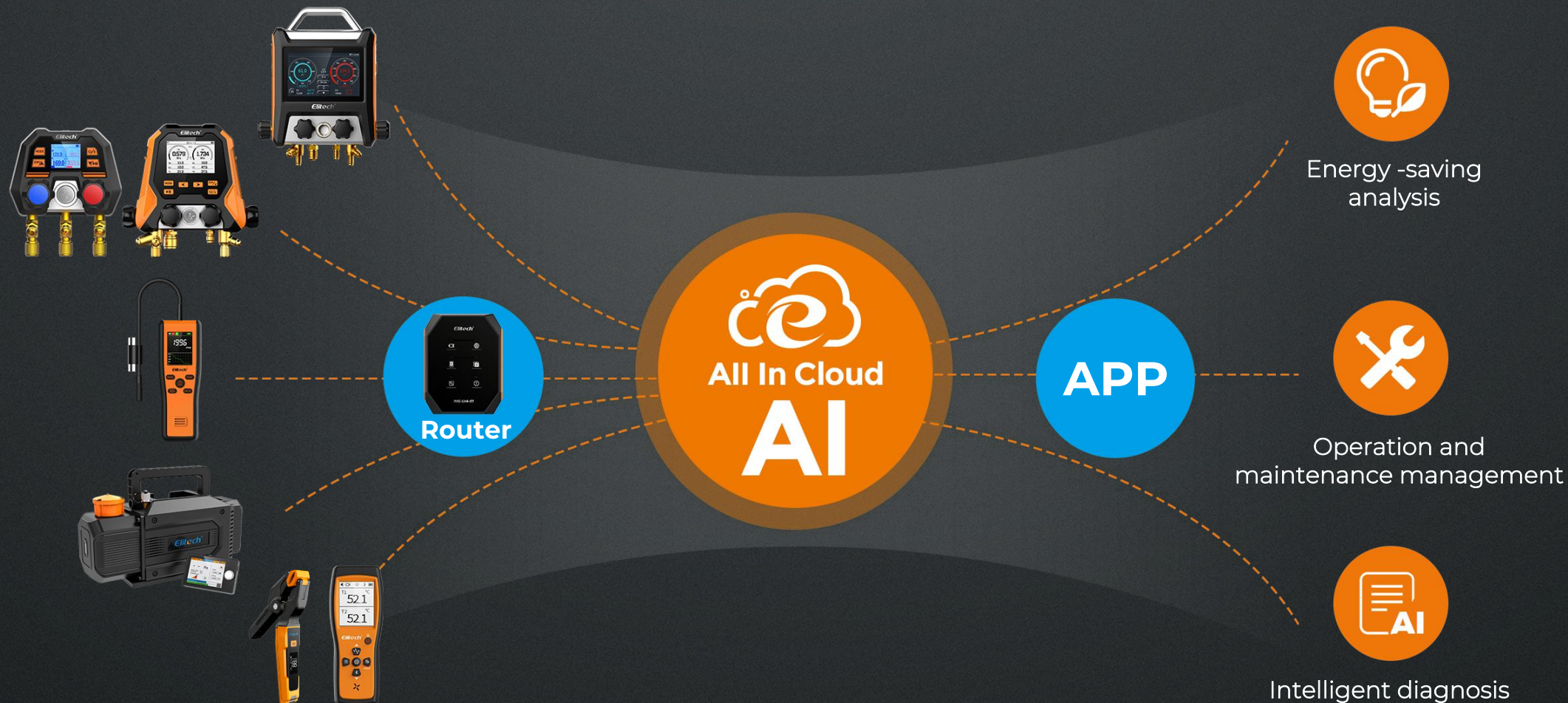
PRODUCT OVERVIEW

Smart HVAC Tools



▶ SMART HVAC/R TOOLS

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► Analysis of the unique advantages of Smart HVAC/R tools



▶ Smart HVAC Tools — Digital Manifold

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MS-4000



MS-870



MS-1000S



MS-1000



MS-100 Plus



MS-100

► Smart HVAC Tools — Digital Manifold

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Smart Digital Manifold

MS-4000

Super large touch color screen



MS-4000 can be connected with App, scale, temperature clamp and vacuum gauge



Overheating and subcooling automatically calculation



140 types of refrigerants, such as R32, R134a, R410a, R407c, R290 ...



**BUILT-
IN**
vacuum gauge

▶ Smart HVAC Tools — Digital Manifold

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Smart Digital Manifold

MS-870



4 - w a y v a l v e
c o n f i g u r a t i o n



OTA upgrade, keeping
device up-to-date



BUILT- IN

Temperature
compensation

MORE

Working Mode

Pressure holding
Vacuum
Refrigerant
charging

► Smart HVAC Tools — Digital Manifold

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Smart Digital Manifold

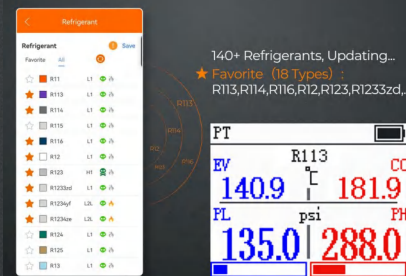
Terminator of Mechanical
Refrigerant Manifold

MS-100 Plus

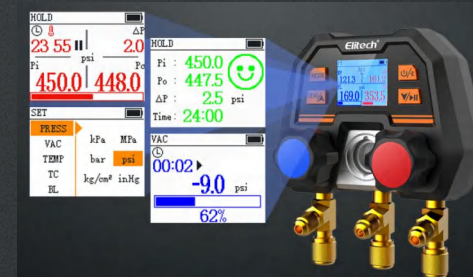
NEW



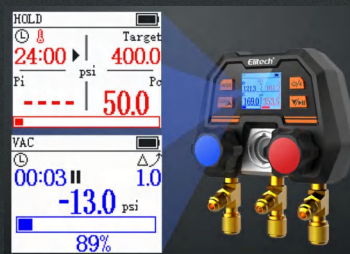
140 types of refrigerants, such
as R773, R114, R116, R12, R123 ...



High-definition color screen
Clearer and more intuitive



One machine with
multiple functions



Pressure
holding
Vacuum
Refrigerant
charging

Compact & rugged



▶ Smart HVAC Tools — Digital Manifold

Model	MS-4000	MS-870	MS-1000S	MS-1000	MS-100 Plus
Product Image					
Pressure Measurement range	-14.5~800psi	-14.5~800psi	-14.5~800psi	-14.5~800psi	-14.5~800psi
Pressure Accuracy	+0.5%FS	+0.5%FS	+0.5%FS	+0.5%FS	+0.5%FS
Pressure Resolution	0.5%psi	0.5%psi	0.5%psi	0.5%psi	0.5%psi
Valve Passage	4 way	4 way	2 way	2 way	2 way
Superheat/Subcooling calculation	built-in	built-in	built-in	built-in	APP support
Temperature Compensation	built-in	built-in	built-in	built-in	built-in
Vacuum Measurement	vacuum sensor	Pressure Sensor	Pressure Sensor	Pressure Sensor	Pressure Sensor
Data Record	data recording /export	data recording /export	data recording /export	NA	value-added service
OTA/APP/Bluetooth	√	√	√	×	√
Refrigerants Upgrade	√	√	√	×	√

▶ Smart HVAC Tools — Wireless Temperature Clamp

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IPT-01S



IPT-01

▶ Smart HVAC Tools — Wireless Temperature Clamp

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Wireless Smart Temperature Clamp

IPT-01S

Quick response:
thermocouple sensor, not
traditional NTC sensor

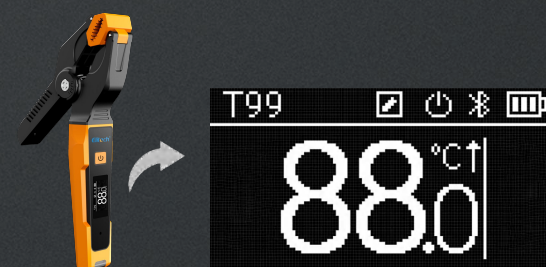


The
rmocou
ple

Rotatable Handle for
Convenient Data Viewing



OLED Display for
Clarity Visibility



Extended Bluetooth
Range of 100 Meters



100m
328ft



Support for APP
Remote OTA Upgrades

OTA

▶ Smart HVAC Tools — Wireless Temperature Clamp

Model	IPT-01S		IPT-01	
Product Image				
Temperature Range	-40°C ~ 150°C/-40°F ~302°F			
Accuracy	±0.5°C			
Resolution	0.1°C/32.2°F			
Bluetooth Range	At least 100 meters			
BluetoothAPP	√			
OTA	√			
Rotatable Angle Range	±90 degrees		Not supported	
Display	√		×	

▶ Smart HVAC Tools — Vacuum Gauge

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VGW-mini

NEW



VGW-760 Pro

► Smart HVAC Tools — Vacuum Gauge

Digital Micron
Vacuum Gauge
VGW-mini



SMART

SMALL

**LITHIUMB
ATTERY**

**USB
CONNECTION**

► Smart HVAC Tools — Vacuum Gauge

Oil Contamination Free (Advantages of oil-proof film)

It prevents oil from entering the sensor, reduces oil contamination probability, and doesn't affect long - term vacuum system accuracy.



▶ Smart HVAC Tools — Digital Pressure Gauge

Model	VGW-mini	VGW-760 Pro
Product Image		
Measuring Range	1~19000 microns	1~760,000 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
Accuracy	1~10000 microns $\pm 10\%$ of Reading ± 10 microns; 10000-19000microns +20% of Reading	$\pm 10\%$ of reading ± 10 microns (at 25°C)
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/99feet	
Bluetooth/APP/OTA	√	√
Product Size	125*35*28mm	127*74*37mm
Battery	Rechargeable lithium batteries(1000mAh)	3 AA batteries



Smart HVAC Tools — Leak Detector

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Corona



WJL-6000 HLD-200+ CLD-100

Heating Diode



LD-100+ HD Mate LD-800

Infrared Qualitative



Inframate C/D/S Inframate X ILD-800

Infrared Quantitative



Inframate PPM

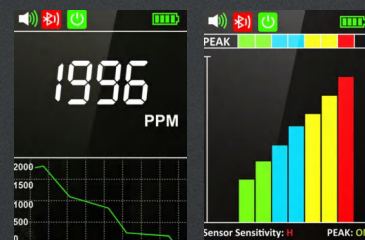
▶ Smart HVAC Tools — Leak Detector

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Refrigerant Leak Detector
with PPM Display
Inframate PPM



Display ppm value for easy
locating the leakage point in
complex environment



Infrared sensor, long lifes



3g / yr

Support for APP Remote
OTA Upgrades

OTA

► Smart HVAC Tools — Leak Detector

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Infrared
Leak Detector
Inframate S



Strong anti-interference



Infrared sensor, long lifes



4g / yr

No damage in high
concentration refrigerant
conditions



▶ Smart HVAC Tools — Leak Detector

Elitech®
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3-In-1 NDIR
Infrared Leak Detector
Inframate X



Can detect three types of refrigerants such as halogen, hydrocarbon, and carbon dioxide

3-in-1

No need to replace additional sensors, high detection efficiency



Support for APP Remote
OTA Upgrades

OTA

Infrared sensor, long lives



► Smart HVAC Tools — Leak Detector

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High Precision
Infrared Leak Detector
ILD-800



High precision: 1g/year, the highest in the industry

1g / yr

Infrared sensor, long lifes



Meets A2L class refrigerant

A2L

Multi source alarm method with
sound, flashing lights, and
vibration

► Smart HVAC Tools — Leak Detector

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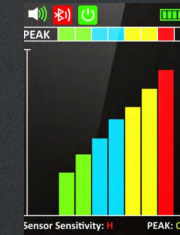
High Precision
Infrared Leak Detector
LD-800



High precision: 1g/year, the
highest in the industry

3g / yr

TFT Display screen



Meets A3 class refrigerant

A3

ATEX Certification



► Smart HVAC Tools — Leak Detector

Model	Inframate PPM	Inframate X	Inframate S MAX	Inframate C	Inframate D	Inframate S
Product Image						
Sensitivity	3g/yr; 0.11oz/yr 0-19999ppm	HAL: 3g/a (0.11oz/a) R744: 6g/a (0.21oz/a) HCs: 7g/a (0.25oz/a)	1g/a 0.03oz/a	6g/yr; 0.21oz/yr	Infrared: 4g/yr(0.14oz/yr) Heated Diode: 3g/yr(0.11oz/yr)	4g/yr; 0.14oz/yr
Response Time	<1s	<1s	<1s	<1s	<1s	<1s
Sensor Lifespan	≥10yrs	≥10yrs	≥10yrs	≥10yrs	>10yrs	>10yrs
Operating Mode	Quantitative & Qualitative	Qualitative	Qualitative	Qualitative	Qualitative	Qualitative
Quantitative Mode	0-19999PPM	×	×	×	×	×
Data Logging	10,000 points	×	×	×	×	×
OTA/ APP/Bluetooth	√	√	×	×	×	×
Refrigerant	All Halogen Refrigerants	All Halogen Refrigerants	Halogen, Hydrocarbon Carbon dioxide	R744	All Halogen Refrigerants(NDIR/Heated Diode) HC Refrigerants (Heated Diode)	All Halogen Refrigerants

▶ Smart HVAC Tools — Leak Detector

Model	HD Mate	LD-100+	CLD-100	WJL-6000	HLD-200+	CPU-C
Product Image						
Sensitivity	3g/a 0.11oz/a	3g/a 0.11oz/a	6g/a 0.11oz/a	5g/a 0.11oz/a	3g/a 0.11oz/a	3g/a 0.11oz/a
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	×	×	×	×	×	×
OTA/ APP/Bluetooth	×	×	×	×	×	×
Refrigerant	All Halogen Refrigerants HCs					
Battery	18650*2	AA*3	AAA*4	AAA*4	AA*2	C*2

► Smart HVAC Tools — Vacuum Pump

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THE WORLD'S FIRST SMART LITHIUM BATTERY VACUUM PUMP

sparkless

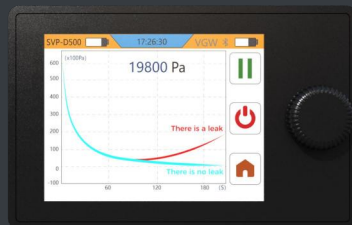
NEW



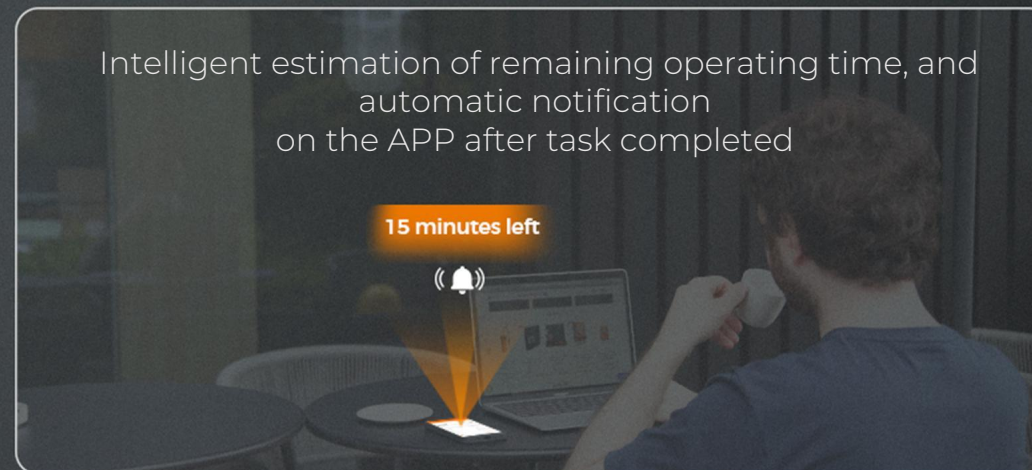
Removable Control Panel

▶ Smart HVAC Tools — Vacuum Pump

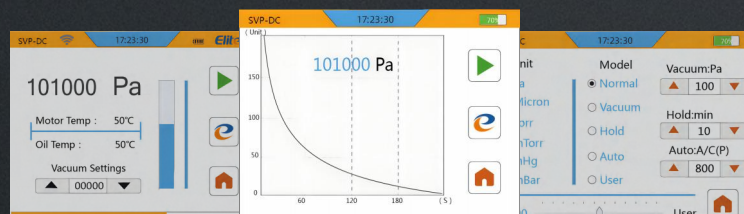
System Leak Diagnoses



Intelligent estimation of remaining operating time, and automatic notification on the APP after task completed



Display of Vacuum Change Curve, with Continuous Recording of Vacuum Values and Other Parameters



Support for APP Remote OTA Upgrades

OTA

▶ Smart HVAC Tools — Vacuum Pump

Model	SVP-DC
Compression level	Dual-stage
Rated Power	18VDC
Motor Type	Brushless DC motor
Speed Regulation	800-3900
Vacuum Accuracy	±10%
Usage Environment	5°C~40°C/41°F~104°F
Wireless Transmission Distance	30m
Ultimate Vacuum	15 microns
Evacuation Rate	2CFM
Motor Power	1/4 HP
Product Size	325*117*166mm
OTA /APP/Bluetooth	√

► Smart HVAC Tools — Refrigerant Scale

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U1



SRC-400



SRC-410



LMC-100F+

► Smart HVAC Tools — Refrigerant Scale

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Smart Ultra Thin & Light Refrigerant Scale

U1



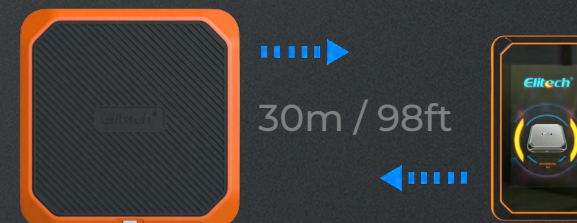
Ultra-light and Ultra-thin

ULTRA-
LIGHT ULTRA-
THIN
-50% -25%



Ultra-long Distance

Wireless transmission distance



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



► Smart HVAC Tools — Refrigerant Scale

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Refrigerant Scale
SRC-400



Multiple display modes are available

KG / BL /
OZ

Backlight design, can be used under gray conditions



Portable tool kit, practical and portable



Ds-1 aluminum body casting molding



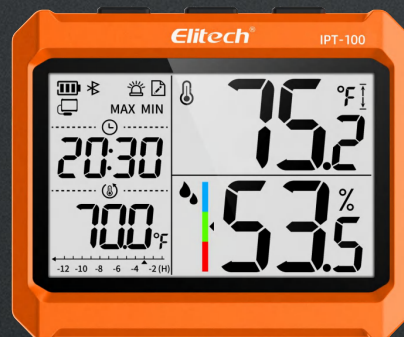
► Smart HVAC Tools — Refrigerant Scale

Model	U1	SRC-400	SRC-410	LMC-100F+
Product Image				
Max capacity	100kg/220lb	100kg /220lb	100kg/220lb	50kg/110lb
Resolution	5g/0.180z	5g/0.180z	5g/0.180z	2g/0.070z
Accuracy	+0.05%rdg+10g	+0.05% rdg +10g	+0.05% rdg +10g	+0.05% rdg+5g
Power Supply	Handle: 2500mAh lithium battery Scale: 5000 mAh lithium battery	5AAA	5*AA (Scale) +5*AAA (handle) -10°C~40°C/14°F~104°F	9V batteries
Operating Temperature	-20°C~70°C/-4°F~158°F	-10°C~40°C/14°F~104°F	-15°C~50°C/5°F~122°F	-10°C~40°C/14°F~104°F
Storage Temperature	-30 °C ~85 °C/-22°F~185°F	-15°C~50°C/5°F~122°F	271*271*74mm/10.7*10.7*2.9inch	-15°C~50°C/5°F~112°F
Overall Size	246*246*57.5mm/9.7*9.7*2.3in	271*271*74mm/10.7*10.7*2.9in	3.3kg/7.3lb	227*227*70mm/8.9*8.9*2.8in
Weight	2.1kg/4.6 lb	3.3kg/7.3lb	√	2kg/4.4lb
Bluetooth	√	×	√	×
APP	√	×		×

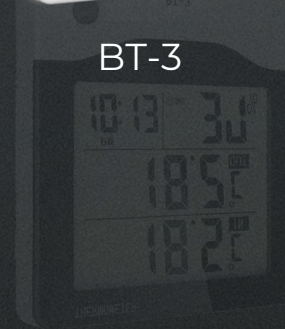
► Smart HVAC Tools — Thermometer



ICT-220



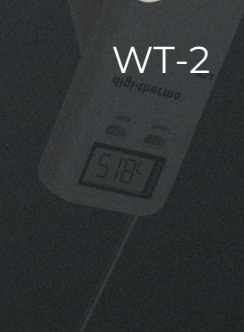
IPT-100



BT-3



WT-1



WT-2

► Smart HVAC Tools — Thermometer

Dual Digital Thermometer

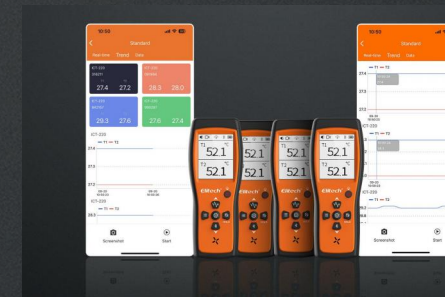
ICT-220



Faster response time and more frequent data capture



Support APP viewing, multi-device real-time monitoring



2.8 COG inch dot matrix screen, more intuitive display



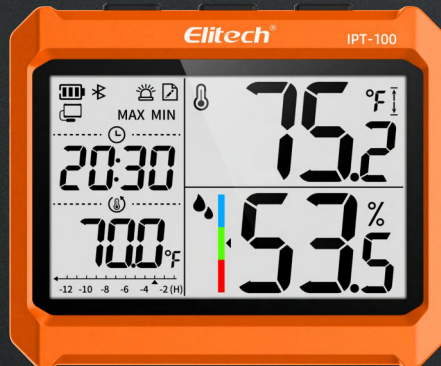
Supports various styles of armored K-type thermocouple sensors



► Smart HVAC Tools — Thermometer

Recording Thermometer
and Hygrometer

IPT-100



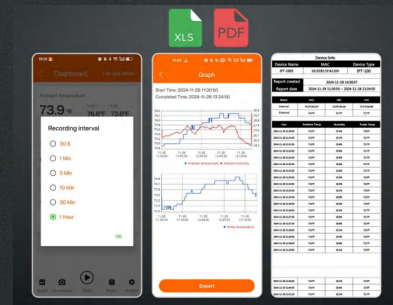
500 days of battery life



100 days of temperature and
humidity visibility

100 d

APP interconnection, historical
data management



OTA upgrade, keeping
device up-to-date

OTA

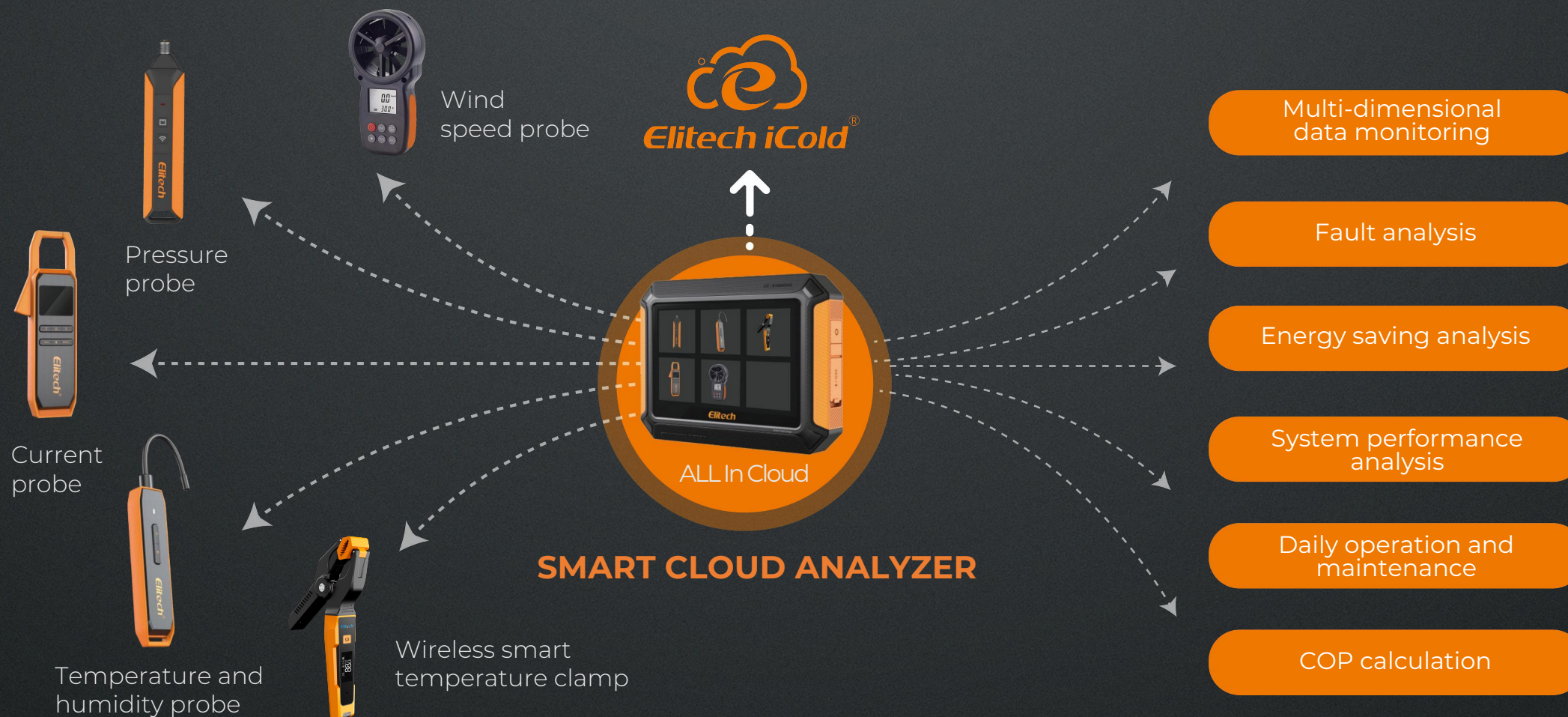
▶ Smart HVAC Tools — Digital Manifold

Model	ICT-220	IPT-100	BT-3	WT-1	WT-2
Product Image					
Temperature range	-50 ~ +250°C (bare wire) -50 ~ 500°C (extended armor)	-10°C ~ +50°C (local)	0°C ~ +50°C	-50 ~ +300°C	-50 ~ +300°C
Temperature accuracy	±1°C or ±0.75% reading (bare wire)	±0.5°C (10-35°C), ±1°C other ranges	Local: ±1°C (0°C ~ 50°C)	±1°C (-20 ~ 80°C)	±1°C (0 ~ 60°C) ±1°C (other)
Humidity range	/	10%RH~99%RH ±5%RH (40%-75%),	10%RH~99%RH	/	/
Humidity accuracy	/	±10% other ranges	/	/	/
External temperature	/	-20°C ~ 70°C	-50 ~ +70°C	/	/
Power supply	3*AAA	3*AAA	1*AAA	DC1.5V	1*AAA
Bluetooth/APP/OTA	✓	✓	/	/	/

▶ Smart HVAC Tools — Cutting-edge HVAC/R Service Solution

NEW

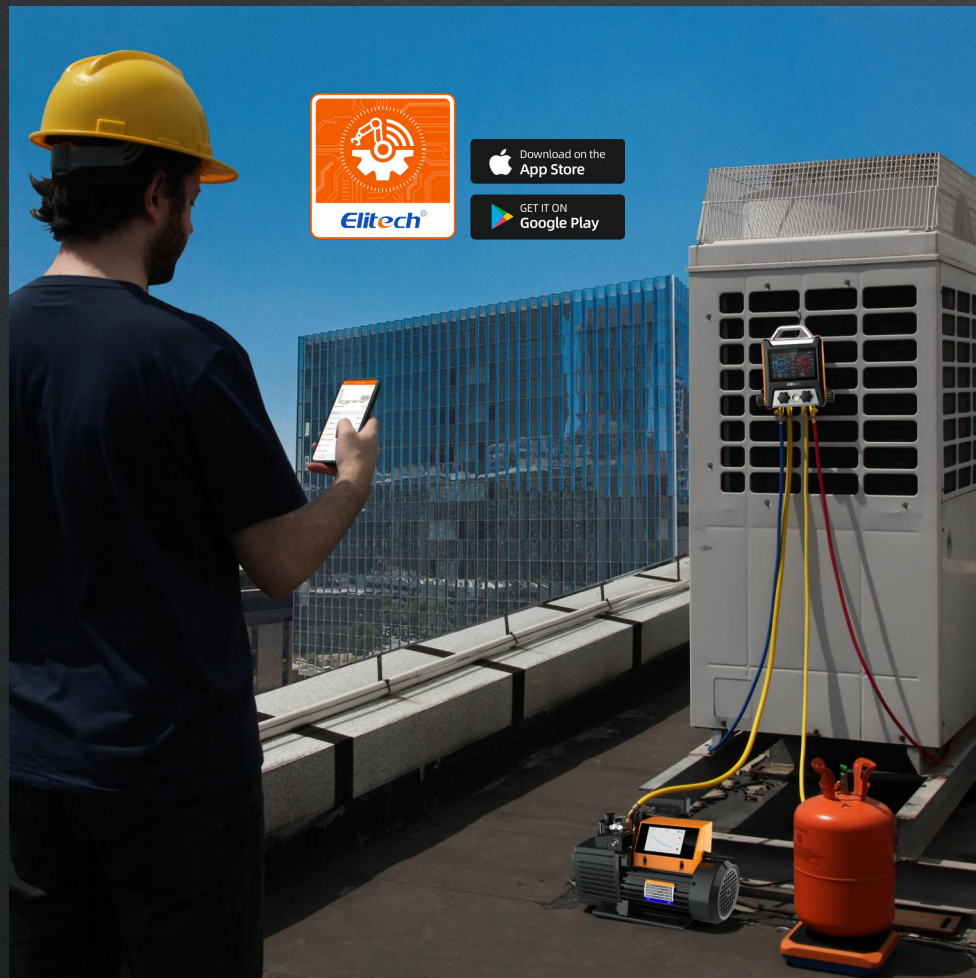
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STAY TUNED...

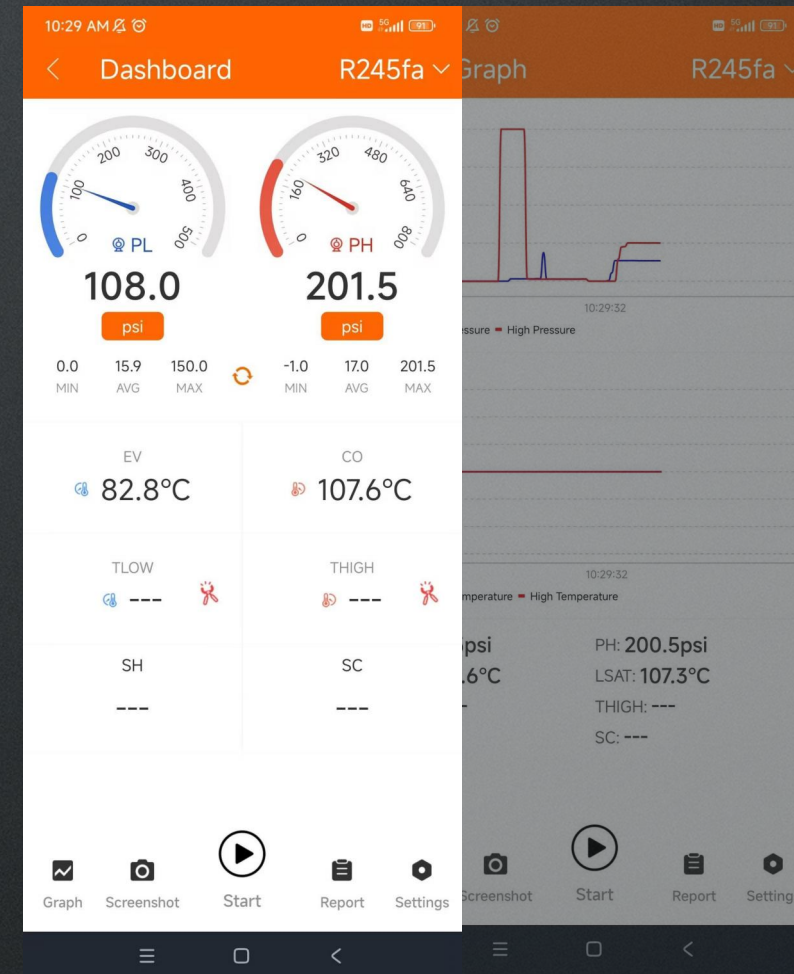
▶ Smart HVAC Tools — Elitech Tools APP

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PART 02

PRODUCT OVERVIEW

Air Quality Monitor



► Air Quality Monitor



Desktop Air Quality Monitor: M10

- 4 in 1 Multifunctional Monitor: PM2.5, AQI, HCHO and TVOC
- Advanced Built-in Sensors
- Easy to Use, only use one single button to realize ON/OFF
- 3 color-coded LED indicator: Green (Good), Yellow (Moderate) and Red (Unhealthy)

Specifications

Functions	PM2.5, HCHO, TVOC, AQI
Communication / Dimensions	82x82x31mm (3.2x3.2x1.2in.) / 2200mAh
Battery Capacity / Battery Life	Approx. 6 hours on a single charge / DC5V, 1A
Input	Temperature: 0-50°C(32-122°F); Humidity: 0-90%RH
Operating Environment	Range: 0-999µg/m ³ Resolution: 1µg/m ³
PM2.5	Accuracy: ±10µg/m ³ (0-100µg/m ³), ±10% (100-500µg/m ³)
HCHO	Range: 0-2mg/m ³ Resolution: 0.01mg/m ³
TVOC	Range: 0-5mg/m ³ Resolution: 0.01mg/m ³
Application Scenario	Indoor air quality monitoring/Outdoor air quality monitoring/Household/Business center

* Subsequent products are also applicable to this application scenario

► Air Quality Monitor



Desktop Air Quality Monitor: S1

- 5th-gen High Precision Sensor
- Easy to Read: 3.3-inch LCD screen
- Energy- saving: Compared to traditional AQMs, consumption by 80
- Ultra thin and slim design, multiple placement options

Specifications

Functions	PM2.5, AQI, Temperature and Humidity
Dimensions / Battery Capacity	3.5x2.7x0.7 (inches) / 800mAh
Battery Life / Input	≥100 days (Power-saving Mode) ≥30 days (Smart Mode) / DC5V, 1A
Operating Environment	-10-60°C (14-140°F); 0-99.9%RH
PM2.5	Range: 0-999µg/m ³ Resolution: 0.1µg/m ³ Accuracy: ±5µg/m ³ (0-50µg/m ³), ±10µg/m ³ (50-100µg/m ³), ±10% (100-500µg/m ³)
Humidity	Range: 0-99.9%RH Resolution: 0.1%RH Accuracy: ±3%RH
Temperature	Range: -10-60°C (14-140°F) Resolution: 0.1°C (0.1°F) Accuracy: ±0.5°C (±0.9°F)
Work Mode	Power-saving Mode (30min) Smart Mode (Automatic)

► Air Quality Monitor



Handheld Air Quality Monitor: M2000 2nd

- CO2, PM2.5, PM10, number of particle, temperature & humidity and HCHO
- Advanced Built-in Sensors
- Built-in 70000 sets of data storage capacity
- Calibration Available: The calibration function for CO2 and HCHO sensors

Specifications

Functions	PM2.5, PM10, Number of Particles, CO2, HCHO, Temperature and Humidity		
Data Storage and Export	√		
Dimensions / Battery Capacity	223.5x73.5x37.5mm/8.8x2.8x1.4in. / 3000mAh		
Battery Life / Input	6-8h / DC5V, 1A		
Operation Environment	Temperature range: 0-50°C (32-122°F) Humidity range: 0-90% RH Atmospheric pressure condition: 1atm		
PM2.5	Sensor: Laser PM Measuring range: 0-999µg/m ³ Resolution: 0.1µg/m ³ Accuracy: ±10µg/m ³ (0-100µg/m ³), ±10% (100-500µg/m ³)		
PM10	Sensor: Laser PM Measuring range: 0-999µg/m ³ Resolution: 0.1µg/m ³ Accuracy: ±15µg/m ³ (0-100µg/m ³), ±15% (100-500µg/m ³)		
Carbon Dioxide(CO2)	Sensor: Non-Dispersive Infrared (NDIR) CO2 Measuring range: 0-5,000ppm Resolution: 1ppm Accuracy: ±5% ±50ppm (400-5000ppm)		
HCHO / Temperature	Measurement limits: 0-2mg/m ³ Resolution: 0.001mg/m ³ / Range: 0-99.9%RH Resolution: 0.1%RH Accuracy: ±5%RH		
Humidity	Range: 0-99.9%RH Resolution: 0.1%RH Accuracy: ±5%RH		

► Air Quality Monitor



Handheld Air Quality Monitor: LKC-1000S 2nd

- PM2.5, PM10, particle numbers, AQI, HCHO, TVOC, temperature and humidity
- Advanced Built-in Sensors
- The histogram truly reflects the changing trend of each pollutant in the past 12 hours
- Can get pollutant index by single-click buttons and histogram by double click buttons

Specifications

Functions	PM2.5, PM10, Number of Particles, AQI, HCHO, Temperature and Humidity, Data Storage and
Display / Dimensions	Export
Battery Capacity / Battery life / Input	TFT Color LCD Screen / 177x65.5x32mm (6.9*2.6*1.2 in)
Operating Environment	3000mAh / 15-18h @ Backlight Level 2 / DC5V, 1A
PM2.5	Temperature: 0-50°C (32-122°F) Humidity : 0-90% RH
PM10	Measuring Range: 0-999µg/m ³ Resolution: 0.1µg/m ³ Accuracy: ±10µg/m ³ (0-100µg/m ³), ±10% (100-500µg/m ³)
HCHO	Measuring Range: 0-999µg/m ³ Resolution: 0.1µg/m ³ Accuracy: ±15µg/m ³ (0-100µg/m ³), ±15% (100-500µg/m ³)
Temperature	Measuring Range: 0-2mg/m ³ Resolution: 0.01mg/m ³ 36-8h / DC5V, 1A
Humidity	Range: 0-50°C (32-122°F) Accuracy: ±1°C (±1.8°F)
	Range: 0-90%RH Accuracy: ±5%RH

PART 02

Smart Controllers

PRODUCT OVERVIEW



► Smart Controllers

Universal Controllers: ETC-974/961/902

- Ease of installation/Cost-effective/Classic appearance
- Application Scenario: Beverage cabinet, Display cabinet



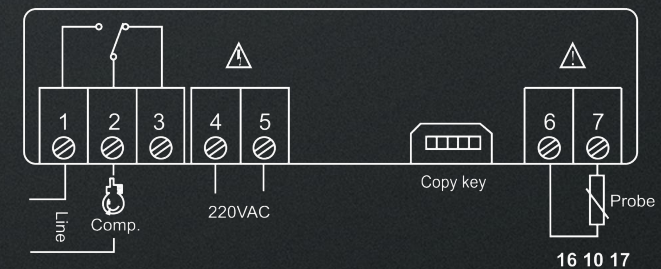
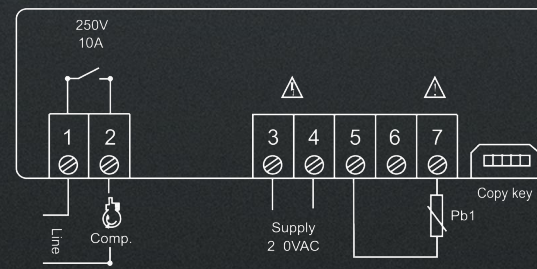
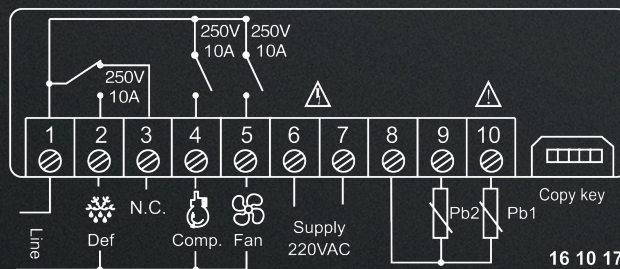
ETC-974



ETC-961



ETC-902



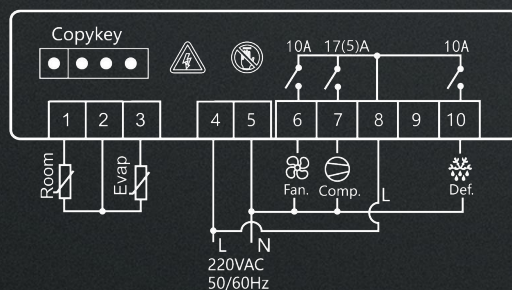
► Smart Controllers

Universal Controllers: ECS-974/961neo

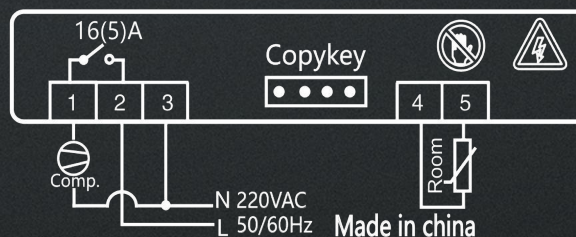
- Ease of installation/Efficient start-up and control/Versatile design /IP65 on the front side
- Application Scenario: Beverage cabinet, Display cabinet, Kitchen cabinet



ECS-974



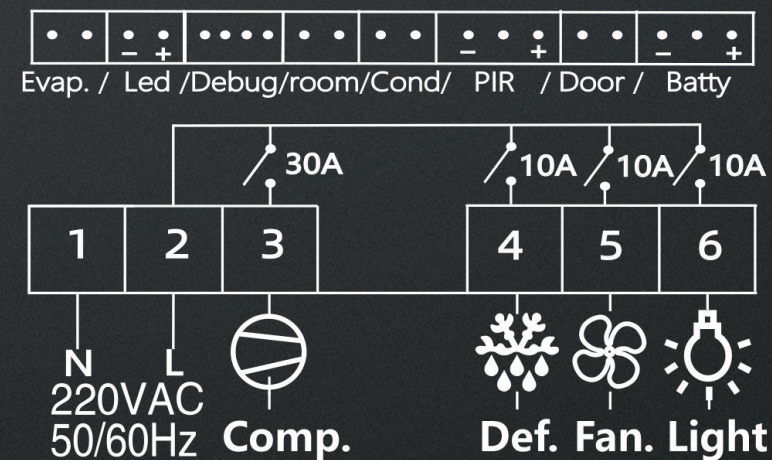
ETC-961



► Smart Controllers

Universal Controllers: EMS-60B

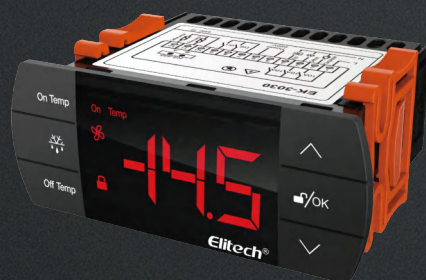
- PIR Sensor can automatically recognize crowd / Supports 4G network for remote monitoring / Ease of installation
- Application Scenario: Beverage cabinet



► Smart Controllers

Universal Controllers: EK-3010/3020/3030

- Touch button operation/Ease of operation/RS-485 communication
- Application Scenario: Beverage cabinet, Display cabinet, Kitchen cabinet



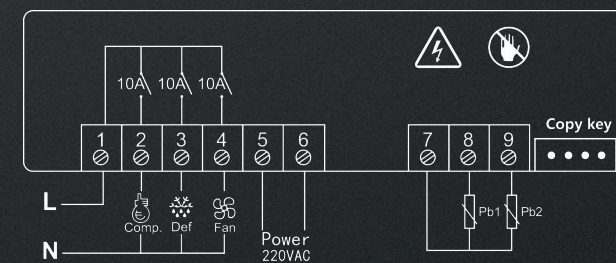
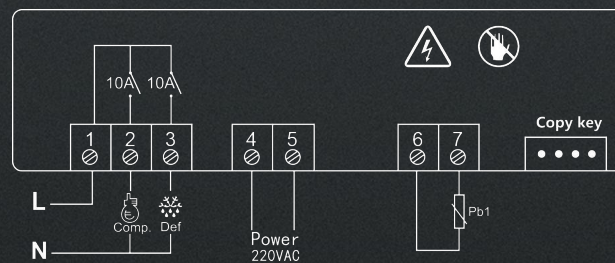
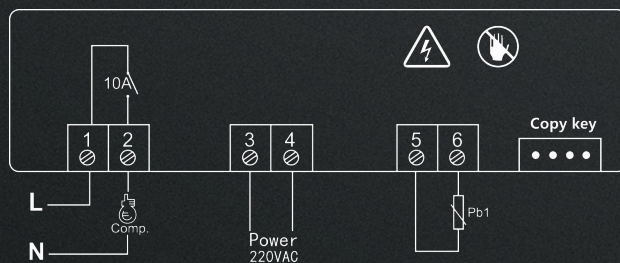
EK-3010



EK-3020



EK-3030



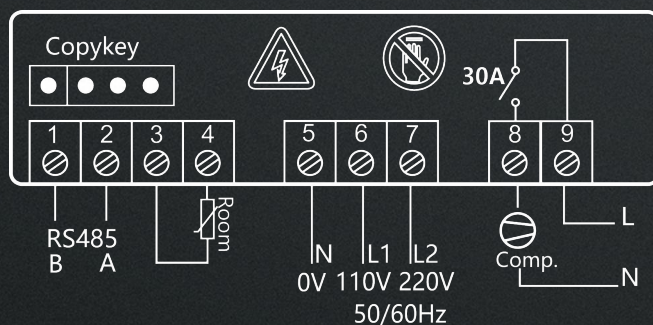
► Smart Controllers

Universal Controllers: EK-610/630

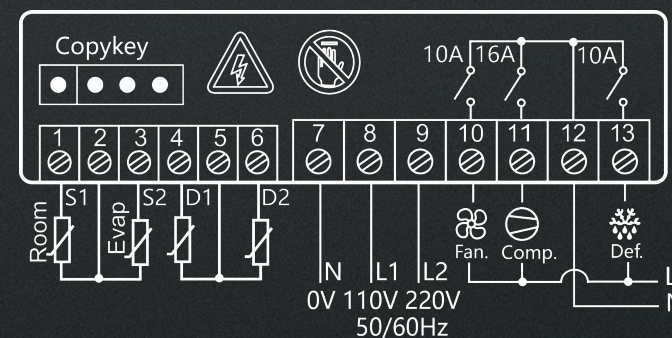
- Touch button operation/ECO energy-saving mode /RS-485 communication
110V/220V dual voltage control
- Application Scenario: Beverage cabinet, Display cabinet



EK-610



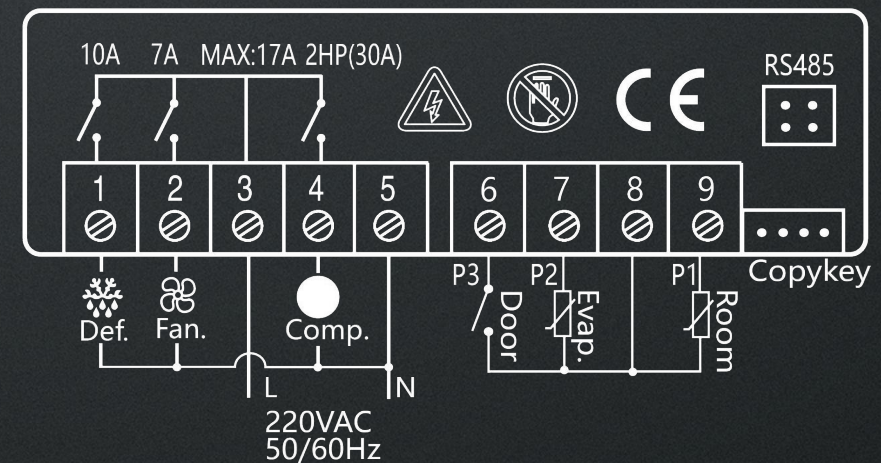
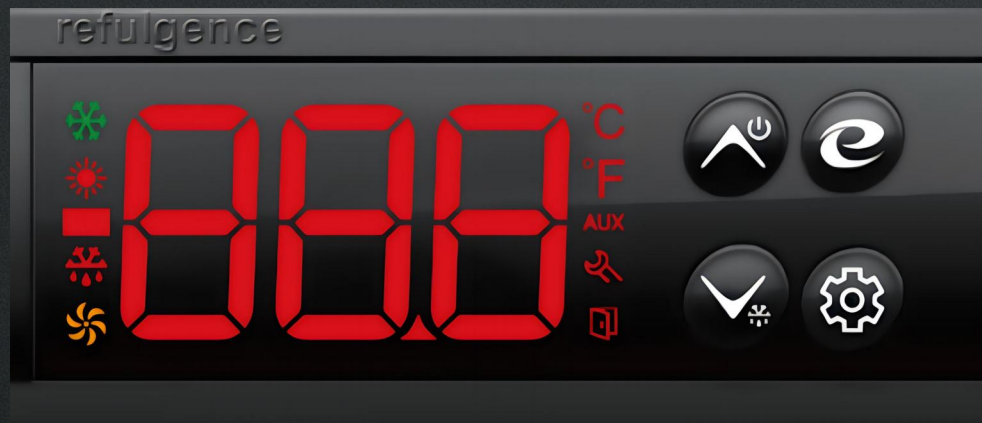
EK-630



► Smart Controllers

Universal Controllers: ECS-180EZ

- Clock function/RS-485 communication/ECO energy-saving mode /Quick-connector terminal /IP65 waterproof
- Application Scenario: Beverage cabinet, Display cabinet, Kitchen cabinet



► Smart Controllers

Universal Controllers: DST-30/TPM-900+/TPM-960

- DST-30: ranked first in the sales volume
TPM-900+/TPM-960 : innovative appearance; chips made in Japan, high sensitivity
- Application Scenario: Beverage cabinet, Display cabinet, Kitchen cabinet



DST-30



TPM-900+



TPM-960

► Smart Controllers

Digital Temperature Controller : STC-1000 Pro

- Control temperature & humidity simultaneously
- Temperature & humidity calibration/Real-time monitor & display
- Output delay protection/Over-temperature & humidity alarm
- °C/°F conversion



► Accessories



Waterproof cover
(CPK-50)

1. The front panel is independent, transparent and can be installed flexibly
2. Integrated power supply and lighting control holes
3. The upper baffle at the back is set to prevent condensation water and improve the protection level
4. Easy to install and disassemble



Pressure
transmitter

1. Anti-corrosion, anti-shock
2. High protection level
3. Anti-interference design
4. Automatic adjustment and digital compensation technology



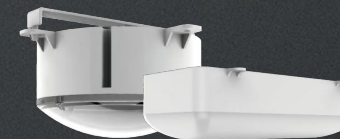
Copy Card
(CPK-4)

1. Convenient for manufacturers and dealers to produce and after-sales
2. Specialized software can copy card data via computer USB configuration
3. Parameter file management of each cabinet controller
4. There are Chinese and English versions, suitable for WIN7 - 10 and XP systems



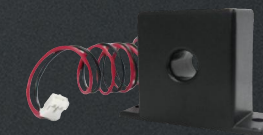
Door switch
(SS-1)

1. Small size, easy to install; reliable performance, wear resistance, high temperature resistance
2. Safe sealing, stable operation
3. Simple installation and easy adjustment



Cold storage
lights

1. Power supply: 220VAC, 50/60HZ, power 10W/ 20W/25W
2. Moisture-proof, frost-proof, explosion-proof, efficient and safe
3. IP65 protection, short circuit and fire-proof
4. Constant current drive, isolated LED power supply, no flicker, long life



Current Sensors
(SS-6)

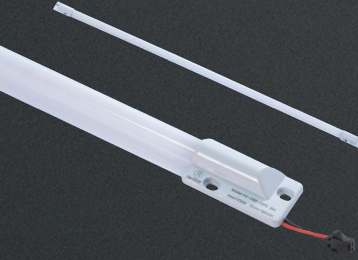
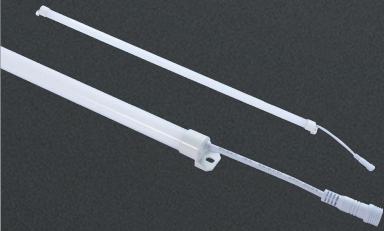
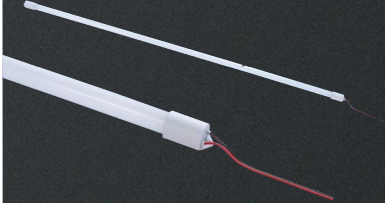


Temperature and
humidity sensor
(SS-3/4)

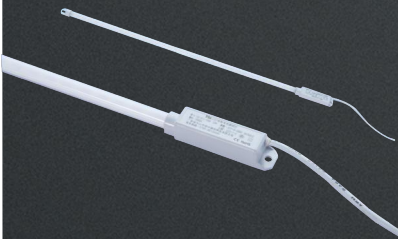
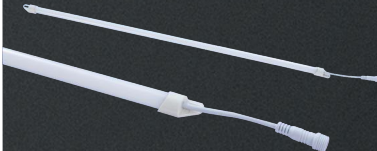


Other types
of sensors

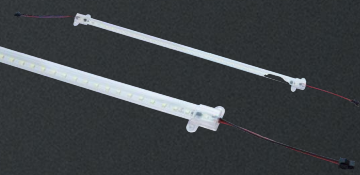
► Accessories — LED Light

Model	HZ-D30	HZ-D23	HZ-T8 Type A	HZ-D22-C	HZ-T8 Type A
Product Image					
Color temperature	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue	2500K/3000K/4000K /6500K/8500K/12000K	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue
Light Voltage	12V/24V/220V	12V/24V/220V	AC85V*265V	12V/24V	DC12-24V-AC85-265V
Material	PC Main Line SM/SYP	IP	PC Main Line SM/SYP	PC+Aluminum Alloy	PC
Dimension	30*14mm, length can be customized	15*18mm, length can be customized	30*12mm, length can be customized	22*13mm, length can be customized	18*16mm
Lamp bead model	2835	2835	2835	2835	2835
Luminous angle	Side emitting 120 degrees	165 degrees	75 degrees	165 degrees	165 degrees
Luminous surface	Transparent/matte surface	Transparent/matte surface	Transparent/matte surface	Transparent/milky white	Transparent/milky white
Waterproof rating	IP67	IP67	/	IP67	IP67
Outgoing method	/	Waterproof joint	No outgoing line, waterproof	Waterproof joint	Waterproof joint

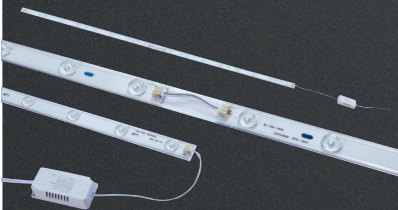
► Accessories — LED Light

Model	HZ-D11 Type A	HZ-T8 Type B	HZ-D22-A	HZ-F15	HZ-D15
Product Image					
Color temperature	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue
Light Voltage	AC85V*265V	AC85V*265V	AC85V-265V	AC220V/DC12V/DC24V	12V/24V
Material	PC	PC	PC	PC	PC+Aluminum Alloy
Dimension	18*8mm, length can be customized	Round, diameter 26mm length customizable	22*13mm, length can be customized	17*7mm, length can be customized	17*7mm, length can be customized
Lamp bead model	2835	2835	2835	2835	2835
Luminous angle	165 degrees	165 degrees	165 degrees	165 degrees	165 degrees
Luminous surface	Transparent/milky white	Transparent/milky white	Transparent/milky white	Transparent/matte surface	Transparent/matte surface
Waterproof rating	IP67	IP67	IP67	IP67	IP67
Outgoing method	Waterproof joint	/	/	/	/

► Accessories — LED Light

Model	HZ-D24	HZ-D11-B	HZ-D45-A	HZ-D23	HZ-F18
Product Image					
Color temperature	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue	2500K/3000K/4000K /6500K/8500K/12000K	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue
Light Voltage	12V/24V/220V	12V/24V/220V	AC85V-265V	12V/24V/220V	12V/24V/220V
Material	PC	PC	PC	IP	PC
Dimension	24*20mm, length customizable	11*9mm, length customizable	22*13mm, length can be customized	15*8mm, length can be customized	15*7mm, length can be customized
Lamp bead model	2835	2835	2835	2835	2835
Luminous angle	165 degrees	165 degrees	165 degrees	165 degrees	165 degrees
Luminous surface	Transparent/milky white	Transparent/matte surface	Transparent/milky white	Transparent/matte surface	Transparent/milky white
Waterproof rating	IP67	IP67	IP67	IP67	IP67
Outgoing method	/	/	No outgoing line, waterproof	/	/

► Accessories — LED Light

Model	HZ-C22	HZ-D35	HZ-T8-SM	HZ-SD	HZ-E14-QP2W
Product Image					
Color temperature	6500K-7000K	2500K/3000K/4000K /6500K/8500K/12000K /Red/Green/Blue	2500K/3000K/4000K /6500K/8500K/12000K	2500K/3000K/4000K/6500 K/8500K/12000K/Red /Green/Blue (customizable)	2500K/3000K/4000K/6500 K/8500K/12000K/Red /Green/Blue (customizable)
Light Voltage	12V/24V/220V	12V/24V/220V	12V/24V/220V	DV12V/24V/220V	12V/24V/220V
Material	PC	PC	PC	PC	PC
Dimension	22*8mm, length can be customized	35*14mm, length can be customized	Diameter 26mm, length customizable	20*80mm	20*80mm
Lamp bead model	2835	2835	2835	2835	2835
Luminous angle	165 degrees	165 degrees	230 degrees	125 degrees	360 degrees
Luminous surface	Transparent/milky white	Transparent/milky white	Transparent/milky white	Transparent/matte surface	/
Waterproof rating	/	IP67	IP67	/	/
Outgoing method	Single outlet (customizable)	Waterproof joint	/	/	/



Control Box

Control Box: ECB-1000 Series

- RS-485 communication
- °C/°F conversion
- Support buzzer alarm
- Cloud version can connect IOT platform



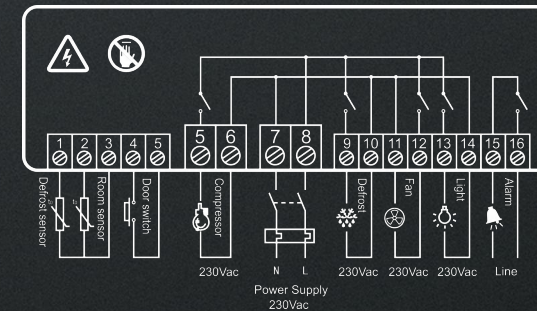
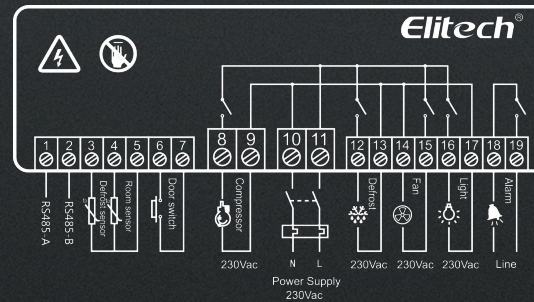
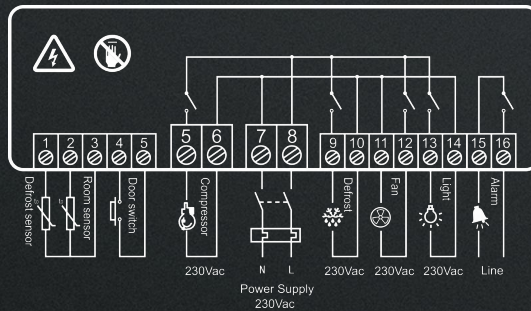
ECB-1000Q



ECB-1000S



ECB-1000 Plus



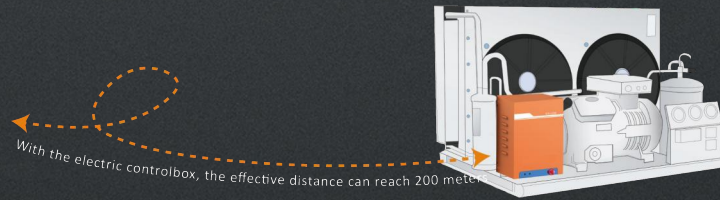
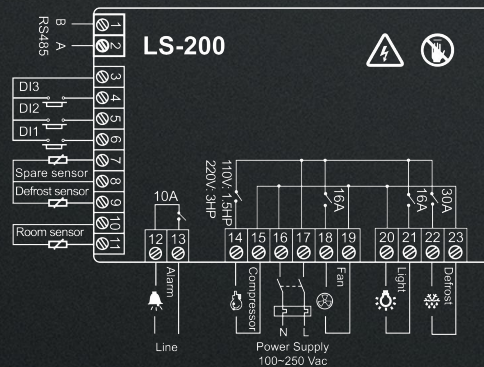
Control Box

Control Box: LS-200 Series

- Innovative split design
- Safer by separation of strong and weak electricity
- Power box near compressor, save power lines
- Night energy-saving mode

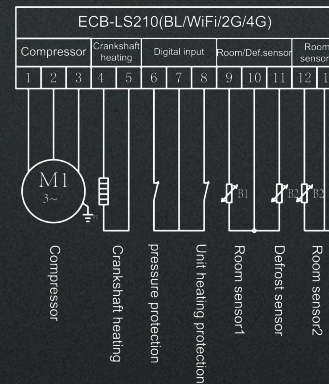


LS-200

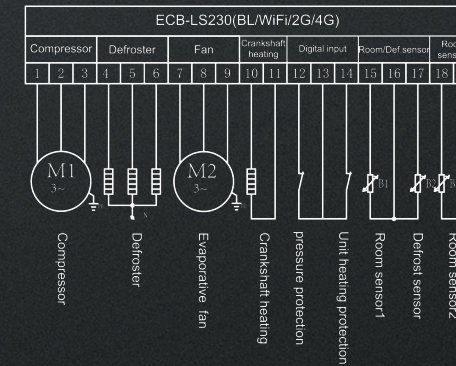


With the electric controlbox, the effective distance can reach 200 meters

ECB-LS210



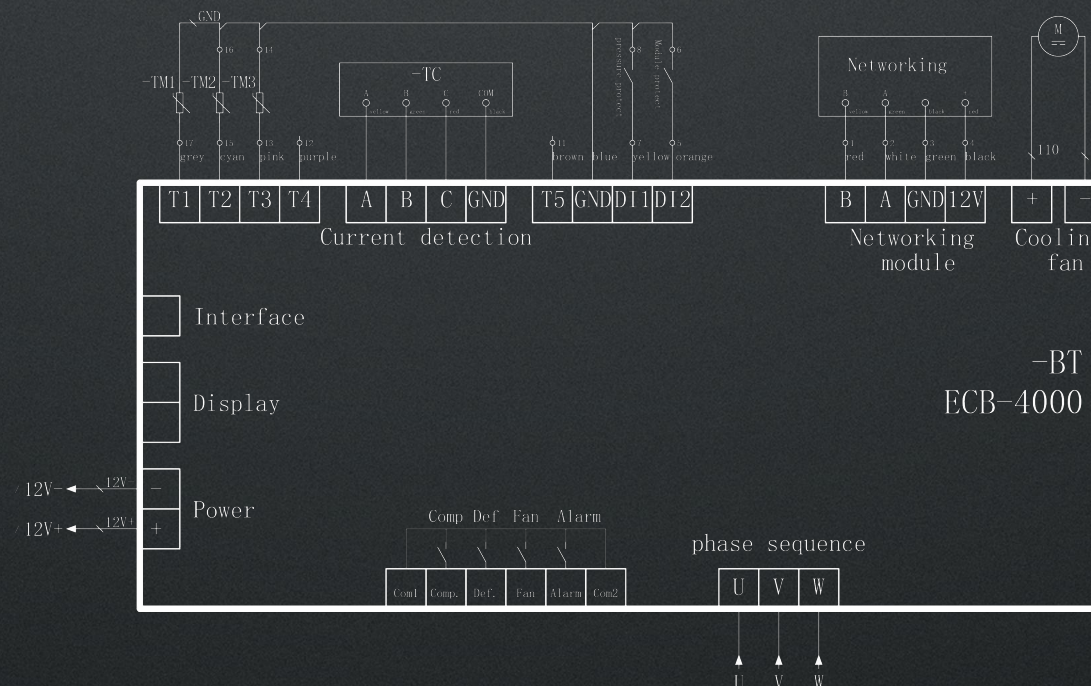
ECB-LS230



▶ Control Box

Control Box: ECB-4000

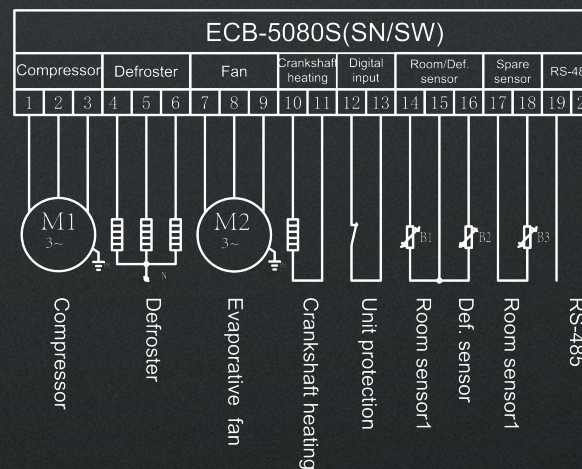
- Large screen, touch button
- Night energy-saving mode
- Multiple protection functions
- ABS flame-retardant material
- All Siemens low-voltage electrical appliances



► Control Box

Control Box: ECB-5080S

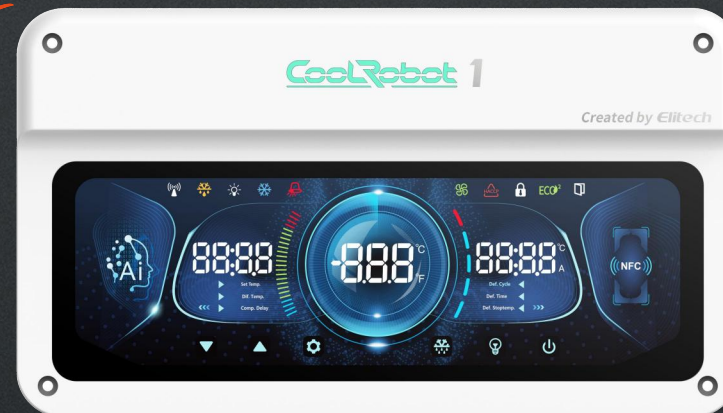
- Dual menu management mode: User menu and system menu settings
- Dual temperature sensors are used to control the temperature of the compressor and defroster separately, making it safer and more energy-efficient
- Single temperature control, on/off control, easy to operate
- Comprehensive protection function of compressor
- Equipped with automatic and manual control functions
- Sensor malfunction and over-temperature alarm function
- Compressor delay adjustable



► Control Box

Control Box: CoolRobot

- RS-485 communication, IOTplatform
- NFC configuration and status reading
- Fault diagnosis
- Current display
- Voice interaction



Coming soon.....

► ECO² Cloud Computing Energy Saving Control System

Elitech[®]
Innovation Preceding All

Unique algorithm for cloud computing big data, intelligent temperature control, on-demand defrosting

No need to change hardware devices, making energy conservation simpler

Daily/weekly/monthly energy-saving reports visible savings



► Data Logger



LoRa Real Time Temperature Monitoring : RCW-3000 Series

- Wireless deployment, no wiring needed, easy installation
- Lora wireless communication for 1,000-meter data transmission
- Multiple communication options: 4G/WiFi versions available to suit various environments

Specifications

Model Name	RCW-3000	Model Name	RCW-3200	RCW-3200
Data Update Interval	1-1440 Min (Default 1min)	Series	Built-in Temp & Humi	External Temp & Humi
Maximum Transport Distance	30 Pieces 1000 meters	Network	Lora	Lora
		Temperature Range	-20°C~50°C 0%RH~99%RH	-40°C~85°C 0%RH~99%RH
		Sensor Accuracy	±0.3°C(-20°C~40°C), ±0.5°C(others); ±3%RH(25:20%RH-80%RH), ±5%RH(others)	

► Data Logger



Real Time Data Logger: RCW-800W

- Small size, stylish shape, magnetic tray design, easy to install
- Large-size TFT color screen display
- Built-in rechargeable lithium battery, can still provide real-time data upload for a long time after power failure

Specifications

Model Name	RCW-800W-TDE	RCW-800W-THE
Measurement Range	-40°C~80°C	-40°C~80°C 0%RH~100%RH
Temperature Accuracy	±0.5°C(-20°C~40°C);±1°C(others)	±0.5°C(-20°C~40°C);±1°C(others)
Humidity Accuracy	/	±5%RH
Resolution	0.1°C	0.1°C; 0.1%RH
Battery Life	More than 7 days(@25°C, uplode interval 5 min)	

► Data Logger



Multi-Use Data Logger: Tlog 10 Series

- High-precision sensor
- Nanometer-level packaging technology
- Innovative air chamber design
- Button groove design

Specifications

Model Name	Tlog 10	Tlog 10E	Tlog 10H	Tlog 10EH
Sensor Type	Internal Temperature	External Temperature	Internal T&H	External T&H
Temperature Range	-30°C~70°C	-40°C~85°C	-30°C~70°C	-40°C~85°C
Humidity Range	/	/	0~100% RH	0~100% RH
Accuracy	±0.5°C (-40°C ~ 85°C); ±3%RH (25°C: 20% ~ 80%), ±5%(others)			
Memory	32000 points (MAX)			
Battery Life	2 years for storage and use; Cumulatively 180 days at 10 min logging interval			

Elitech[®]

Innovation Preceding All

THANKS

