



WEIGHERPS

INDUSTRIAL WEIGHING SOLUTIONS

COMPANY

>> > INTRODUCTION

WEIGHERPS

Precisely Measuring the World, Reliably Supporting the Future

Weigherps - Precision Engineered, Reliability Delivered.

Rooted in Manufacturing, Perfected in Weighing

On the banks of the Yangtze River, in the industrial heartland of Wuhu, China, our story begins. For decades, we have operated as a dedicated industrial weighing manufacturing facility, honing our craft and forging a deep commitment to precision and quality into every piece of equipment we produce. Our legacy is built on more than just advanced manufacturing techniques; it is founded on a profound understanding and keen insight into the industrial weighing sector. This rich manufacturing DNA serves as the solid foundation for our journey forward.

A New Voyage, Connecting the Globe

To better serve our global clientele, we have merged our extensive manufacturing experience with an international vision, leading to the establishment of Wuhu Reliable Technology Co., Ltd. and the proud launch of our global brand—weigherps. This is more than a new name; it represents a comprehensive brand evolution.

Weigher signifies our core identity and unwavering focus on the art and science of Weighing.

PS embodies our core promise: Precision Systems and Professional Solutions.

weigherps is the bridge that connects us to the global market. It carries the legacy of craftsmanship and quality from our facility and is dedicated to providing more reliable, intelligent, and efficient industrial weighing solutions to partners around the world.



WEIGHERPS

Our Promise: Reliability, Rooted in Every Detail

At weigherps, we believe "Reliability" is not just a slogan—it is a principle woven into every facet of our operations, from R&D and procurement to production, quality control, and after-sales service. We are committed to:

Innovative Technology: We continually invest in research and development, integrating cutting-edge technology into our products to ensure superior performance and stability.

Rigorous Quality Control: Adhering to international standards, we meticulously inspect every stage of our process, from raw materials to the final product. This guarantees our equipment is robust, durable, and unerringly accurate.

Customer-Centric Service: We listen closely to your needs, provide customized solutions, and offer responsive, professional support. Our goal is to be more than a supplier—we aim to be your trusted partner.

Choosing weigherps means choosing an experienced, technologically advanced, and reliable global partner dedicated to growing alongside your business. We look forward to partnering with you to measure value and build success together.

Weigherps:

Your most trusted weighing expert by your side!



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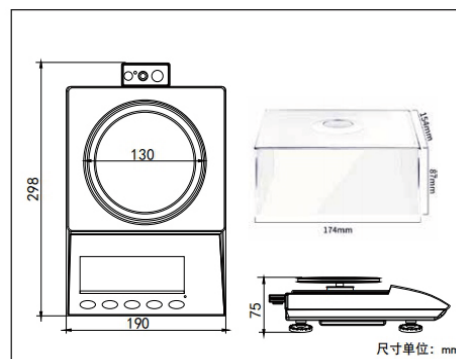
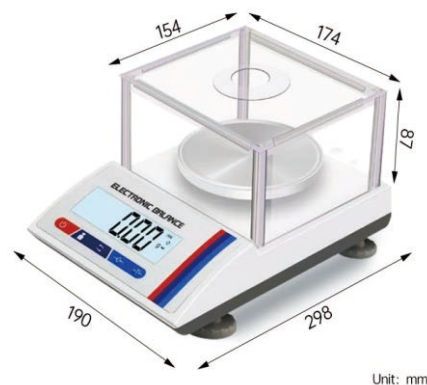
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Balance Series

DA Disc Balance

Functional features:

- LCD display
- Plastic windshield
- Weighing range: 100~3000g
- Graduation: 0.01g
- External Calibration Function
- Counting Mode
- Adjustable Anti-Vibration Filter
- Multiple Units: Grams, Carats, Ounces, Pounds
- Standard RS232 Communication Port
- Power Supply: DC 12VDC $\pm 10\%$
- Standard 7.4V 1500mAh
- Rechargeable Lithium Battery
- Optional Thermal Printer
- Optional Second Display
- Operating Temperature: 0°C - 40°C
- Packaging Dimensions: 375 × 305 × 155mm

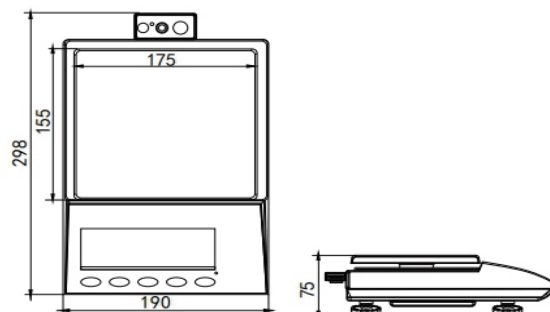


Model	Weighing	Readzbily	Test Accuracy	Repeatabltness	Size
Da102	100g	0.01g	0.1g	$\pm 002g$	130mm
DA202	200g				
DA302	300g				
DA402	400g				
DA502	500g				
DA602	600g				
DA1002	1000g				
DA2002	2000g				
Da3002	3000g				

DA Flat Balance

■ Functional features:

- LCD display
- Weighing range: 1000~10000g
- Division value: 0.1g/0.01g
- External calibration function
- Counting weighing mode
- Adjustable anti-vibration filtering
- Multiple weighing units: g, carat, oz, lb
- Standard RS232 communication port
- Power supply: DC 12VDC $\pm 10\%$
- Standard 7.4V 1500mAh rechargeable lithium battery
- Optional thermal printer
- Optional secondary display



Model	Weighing	Readzbily	Test Accuracy	Repeatabltness	Size
DA1002F	1000	0.01g	0.1g	$\pm 0.01g$	175*155mm
DA2002F	2000				
DA3002F	3000				
DA5002F	5000				
DA1001F	1000	0.01g	0.1g	$\pm 0.1g$	175*155mm
DA2001F	2000				
DA3001F	3000				
DA5001F	5000				
DA6001F	6000				
DA10001F	10000				

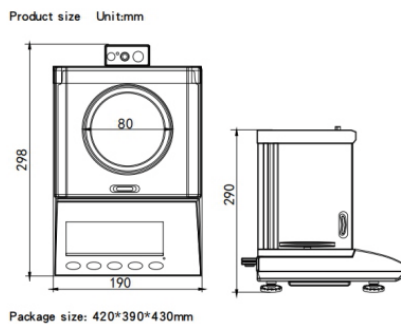
DA Precision Balance

■ Functional features:

- LCD display screen
- plastic windproof cover
- Weighing: 100~600g
- Division value: 0.001g
- External calibration function
- Equipped with counting and weighing mode
- Adjustable shockproof filtering function
- Multiple weighing units such as grams, carats, ounces, pounds, etc* Standard RS232 communication port
- Power supply voltage: 12VDC 10%* Standard 7.4V 1500mAh rechargeable lithium battery* Operation temperature: 0~40C
- Ambient humidity: 40~85%RH
- Optional thermal printer
- Optional second monitor



7.4V 1500mAh lithium battery
Power: 12V-1000ma



Model	Weighing	Readzbily	Test Accuracy	Repeatabltness	Size
Da103	100	0.001g	0.01g	+0.002g	Φ80mm
DA203	200			+0.002g	
DA303	300			+0.002g	
DA503	500			+0.003g	
Da603	600			+0.003g	

Bench Scale Series

ZE56 Mini Waterproof Bench Scale

■ Specifications:

- Load cell: Custom-made high-precision load cell
- Weighing platform: SUS304 stainless steel
- Checkweighing function: Standard across all models
- Load-bearing Support: Carbon steel + galvanised dual support
- Weighing Body: Pure new ABS
- Adjustable Feet: Non-slip PVC + galvanised bolts
- Leveling Vials: High-sensitivity leveling vials as standard across all models
- Display: High-definition green LED screen
- Battery: 2600mAh waterproof lithium battery
- Charging Port Protection: Dedicated waterproof plug



Product Model	Scale Dimensions	Pan Dimensions	Capacity
ZE56 Waterproof Scale	214*170*68mm	170mm*140mm	1.5kg/0.1g 3kg/0.5g 6kg/1g

ZE87 Waterproof Bench Scale

■ Specifications:

- Dual-screen display
- Waterproof Rating: Ip68
- Load cell: 130mm-C3-Black Rubber
- Weighing Platform: SUS304 Stainless Steel
- Checkweighing Function: Standard across all models
- Load-bearing Support: Die-cast Aluminum Dual Support
- Scale Body: SUS304
- Anti-slip Feet: PVC + SUS304 Bolts
- Leveling Vials: High-Sensitivity Leveling Vials Standard on All Models
- Display: High-Definition Red/Green LED Screen
- Battery: 5000mAh Easy-Swap Lithium Battery
- Charging Port Protection: Dedicated Waterproof Plug
- Applications: Food processing / Live produce sorting / Seafood processing / Restaurant kitchens



Product Model	Scale Dimensions	Pan Dimensions	Capacity
ZE87 Waterproof Scale	287*248*113mm	240mm*180mm	3kg/0.5g 6kg/1g 15kg/2g 30kg/5g

SHW-D Bench Scale

■ Functional features:

- Six position LCD display with clear and easy to read white backlight
- High weighing accuracy and fast reaction speed; Built in battery power supply, dual purpose AC and DC
- Standard RS232 communication interface, supporting mainstream ERP software
- Capable of animal weighing, simple counting, peak weighing and other functions
- ABS material high-strength plastic shell
- Two independent serial communication channels with built-in multiple protocols
- Multiple weighing unit system conversion functions
- Low battery voltage prompt and charging LED color change indication
- The keys are made of sturdy, durable, and highly sealed film keyboards

■ Optional features:

Bluetooth communication

Ethernet

4G

Analog output

WiFi

RFID card reading module

USB storage

■ Specifications:

- Table size (mm): 226*295
- Range (kg): 3/6/15/30
- Graduation value (g): 0.1/0.2/0.5/1
- Accuracy level: Level III
- AD update rate: 80 times/second
- Gain drift: 0.03%
- Maximum display accuracy: 1/100000
- Display: FSTN LCD screen with white backlight
- Bridge supply voltage: DC5V + 2%
- Zero adjustment range: -2-5mV
- Signal input range: -5mV~20mV
- Power supply: AC220V/50HZ
- Battery: Battery 6V/4000mAh
- Power consumption: 1W (carrying one sensor)
- Operating temperature: -10 °C~40 °C
- Operating humidity: ≤ 85% RH



BT Bench Scale

■ Functional features:

- Automatic reset upon startup, with 100% peeling;
- Separate structure for weighing and instrument, suitable for damp environments such as kitchens and food processing;
- High power lithium battery with long standby time and long lifespan;
- The weighing table is relatively low off the ground, reducing the workload of employees;
- Visual battery level indication, friendly real-time prompt for power shortage;
- High definition large font LED display, adjustable brightness, and clear and easy to read numbers from multiple angles;
- Equipped with weighing accumulation, upper and lower limit alarm, and pre peeling function;
- Optional portable handle for easy movement



■ Optional features:

RS232

Alarm light

Bluetooth

Printer



■ Specifications:

- Table size(mm): 220*280mm/235*325mm
- Range (kg): 1/3/6/15/30
- Material: Stainless Steel/Aluminum
- Gain drift: 0.03%
- Maximum display accuracy: 1/100000
- Display: 6-digit LED green display
- Bridge supply voltage: DC5V + 2%
- Zero adjustment range: -5-5mV
- Signal input range: -19mV~19mV
- Protection level: IP63
- Power supply: 10.5V/1A
- Battery: Lithium battery 7.4V/4000mAh
- Power consumption: 1W(carrying one sensor)
- Operating temperature: -10 °C~40 °C
- Operating humidity: ≤ 85% RH

B11 Portable Bluetooth Bench Scale



ERP-specific

■ Functional features:

- Redesigned integrated wiring structure prevents signal cable breakage;
- Ergonomic handle design ensures effortless carrying;
- Supports secondary development;
- High-power lithium battery delivers extended standby time;
- Features battery level indicator and autoshtutdown function;
- High-definition green LED display with five brightness levels;
- Standard Bluetooth connectivity, optional dual-use RS232/Bluetooth interface;

■ Technical Specifications:

- Platform size (mm): 235*325mm
- Range(kg): 15/30/60/100kg
- Accuracy level: Leve III
- Safe overload range: 150%
- AD conversion speed: 40 times/second
- Gain drift: 0.03%
- Maximum display accuracy: 1/100000
- Display: 6-digit LED green digital display
- Sensor power supply: DC5V/2%
- Zero adjustment range: -5-5mV
- Signal input range: -19mV~19mV
- Power supply: DC 5V/1A
- Battery: Lithium battery 3.7V/4000mA
- Operating temperature: -10 °C~40 °C
- Operating humidity: 85% RH

Range	15kg	30kg	60kg	100kg
Division	5g	10g	20g	20g

Platform Scale Series

B7 Platform Scale

Functional features:

- Equipped with weighing and peeling accumulation functions,
- Weighing reaction speed adjustable in multiple gears
- High power lithium battery, with longer lifespan and longer endurance;
- With power indicator and automatic shutdown function;
- Supports dynamic weighing, anti shaking, and anti vibration;
- High definition LED display, adjustable brightness, clear and easy to read numbers;
- Independently innovative recessed wiring structure to prevent plug collision damage;

Optional features:

RS232

Alarm light

RS485

Printer

Bluetooth



Specifications:

- Table size(mm): 235*325/300*400/400*500/500*600/600*800mm
- Range (kg): 3/6/15/30/60/100/150/200/300/500/800kg
- Accuracy level: Level III
- Safe overload range: 150%
- AD update rate: 40 times/second
- Gain drift: 0.03%
- Maximum display accuracy: 1/100000
- Display: 6-digit LED green digital display
- Sensor power supply: DC5V \pm 2%
- Zero adjustment range: -5-5mV
- Signal input range: -19mV~19mV
- Power supply: 10.5V/1A
- Battery: Lithium battery 7.4V/4000mAh
- Power consumption: 1W (carrying one sensor)
- Operating temperature: -10 $^{\circ}$ C~40 $^{\circ}$ C
- Operating humidity: \leq 85%
- RS Sensor load capacity: Up to 4 analog sensors of 350 ohms

B1S Liftable Weighing Platform Scale

■ Functional features:

- Efficiently resolves the laborious and inefficient process of manually loading and unloading heavy objects onto traditional weighbridges.
- Multiple capacity and size options available to accommodate varying weight requirements.
- High-precision load cells: Ensure stable and accurate weight readings remain consistent after lifting and movement.
- Four-wheel configuration (2 swivel + 2 fixed castors)
- Standard-equipped with 304 stainless steel high-precision weighing indicator: featuring basic functions including tare, zero adjustment, and unit conversion.
- Stainless steel /Carbon steel construction



Rated Load(/kg)	150	300	500
Minimum Height(/mm)	220	285/340	285/340
Maximum Height(/mm)	720	880	880
Platform Size(/mm)	700x450x36	815x500	850x500
Wheel Size(/mm)	Φ100x25	Φ125x40	Φ125x40
Pumping Times	≤28	≤27	≤27
Weight(/kg)	46	77	81
Self-weight(/kg)	56	87	91
Height above ground(/mm)	950	990	990

A8SP Platform Scale

■ Functional features:

- Available in either all-stainless steel or carbon steel construction.
- Built in lithium battery, no need to plug in for use
- Built in 58 small ticket label universal printer,
- Provide a free label editing app Multifunctional buttons, easy to operate;
- Pre stored 200 product names for one click switching;
- Pre stored multiple sets of printing templates, ready to call at any time;
- Supports automatic printing/manual printing/weight qualified printing

■ Optional features:

RS232/485

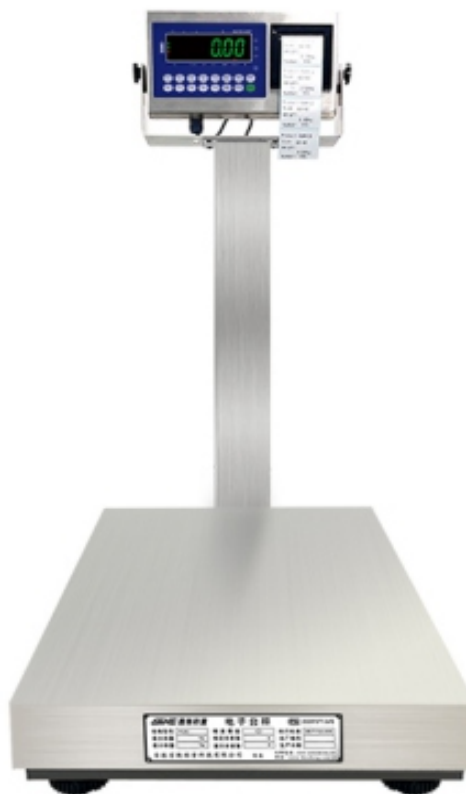
Analog output

Alarming light

USB storage

■ Specifications:

- Table size(mm): 220*280/235*325/400*500/
500*600/600*800mm
- Range (kg): 3/6/15/30/60/100/150/200/300/
500/800kg
- Accuracy level: Level III
- Safe overload range: 150%
- AD conversion speed: 80 times/second
- Gain drift: 0.03%
- Maximum display accuracy: 1/100000
- Display: 6-digit LED green digital display
- Sensor power supply: DC5V + 2%
- Zero adjustment range: -2-5mV
- Signal input range: -5mV~20mV
- Power supply: 10.5V/1A
- Battery: Lithium battery 7.4V/4000mA
- Operating temperature: -10 °C~40 °C
- Operating humidity: ≤ 85% RH
- Sensor load capacity: Up to four 350 ohm
analog sensors



A8P Platform Scale

■ Functional features:

- Standard printer (available in various specifications such as small ticket, label, and needle);
- The instrument is equipped with a large capacity lithium battery for both AC and DC purposes;
- Provide a free label editing app;
- Quick operation buttons, easy to use;
- Pre stored 200 product names for one click switching;
- Pre store multiple sets of printing templates for easy access at any time;
- Supports automatic printing/manual printing/weight qualified printing, ABS material high strength plastic shell;

■ Optional features:

RS232/485

Analog output

Alarming light

USB storage

■ Specifications:

- Table size(mm): 400*500/500*600/600*800mm
- Range (kg): 30/60/100/150/200/300/500/800kg
- Accuracy level: Level III
- AD conversion rate: 80 times/second
- Gain drift: 0.03%
- Maximum display accuracy: 1/100000
- Display: 6-digit LED green digital display
- Sensor power supply: DC5V + 2%
- Zero adjustment range: -2-5mV
- Signal input range: -5mV~20mV
- Power supply: AC220V150HZ
- Battery: Lithium battery 7.4V/4000mA
- Power consumption: 1W (carrying one sensor)
- Operating temperature: -10 °C~40 °C
- Operating humidity: ≤ 85% RH
- Sensor load capacity: Up to 4 analog sensors of 350 ohms



K1 Control Platform Scale

■ Functional features:

- Applied to ingredient weighing control, easy to learn with unfailing operation;
- Material fast and slow release switch signal output; Optional printer to print labels or tickets, with customized printing format;
- Standard stainless steel mechanical start button and emergency stop button;
- Equipped with weighing and peeling accumulation functions;
- High definition large font LED display, clear and easy to read;

■ Optional features:

RS232

Bluetooth

Alarm light

■ Specifications:

- Table size(mm): 300*400/400*500/500*600/600*800mm
- Range (kg): 3/6/15/30/60/100/150/200/300/500/800kg
- Accuracy level: Level III
- Safe overload range: 150%
- AD update rate: 40 times/second
- Gain drift: 0.03%
- Maximum display accuracy: 1/100000
- Display: 6-digit LED green digital display
- Sensor power supply: DC5V \pm 2%
- Zero adjustment range: -5-5mV
- Signal input range: -19mV~19mV
- Power supply: DC10.5/1A
- Optional battery: Lithium battery 7.4V/4000mA
- Power consumption: 2W (carrying one sensor)
- Operating temperature: -10 °C~40 °C
- Operating humidity: \leq 85% RH
- Sensor load capacity: Up to 4 analog sensors of 350 ohms



B1S Platform Scale

■ Functional features:

- The entire machine is made of 304 stainless steel material.
- Adjustable weighing reaction speed;
- With power indicator and automatic shutdown function;
- Supports basic weighing, weight testing, and animal weighing.
- IP68 waterproof grade;
- High power lithium battery with long standby time; Suitable for food factories and can be rinsed with water

■ Optional features:

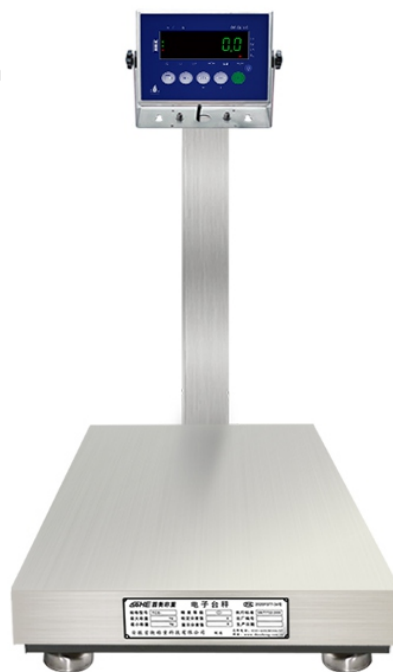
RS232

RS485

Bluetooth

■ Specifications:

- Table size(mm): 220*280/300*400/400*500/500*600/600*800mm
- Range (kg): 3/6/15/30/60/100/150/200/300/500/800kg
- Accuracy level: Level III
- Safe overload range: 150%
- AD conversion speed: 40 times/second
- Gain drift: 0.03%
- Maximum display accuracy: 1/100000
- Display: 6-digit LED green digital display
- Sensor power supply: DC5V $\pm 2\%$
- Zero adjustment range: 0-5mV
- Signal input range: -19mV~19mV
- Power supply: 10.5V/1A
- Battery: Lithium battery 7.4V/4000mA
- Operating temperature: -10 °C~40 °C
- Operating humidity: $\leq 85\%$ RH
- Sensor load capacity: Up to four 350 ohm analog sensors

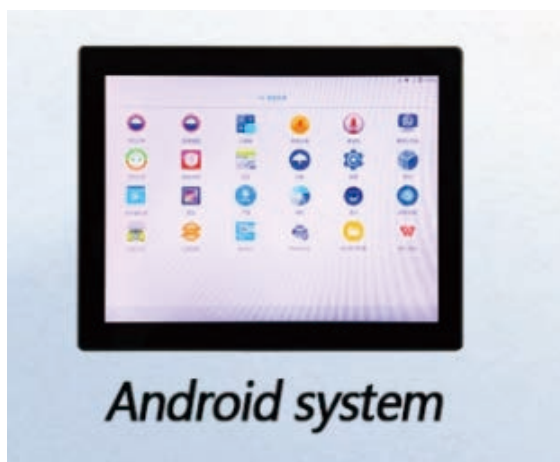


PC Scale Series

15/15.6-inch Weighing Indicator

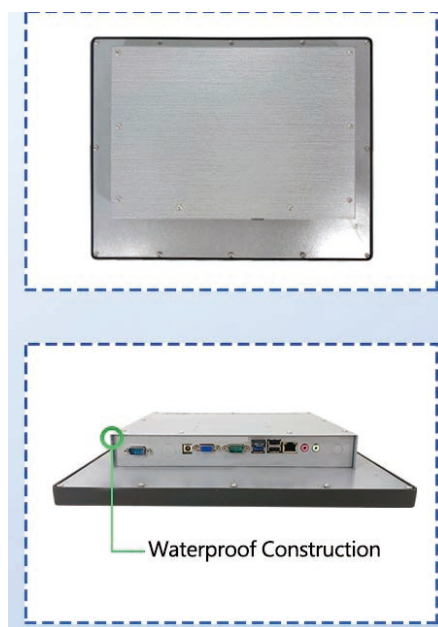
Functional features:

- Supports secondary development with complimentary technical integration;
- Industrial low-power motherboard, resistant to electrostatic discharge and electromagnetic interference. Capable of continuous 24-hour stable operation;
- Modular plug-in design structure requiring no specialised maintenance personnel, simple and user-friendly operation;
- Equipped with Wi-Fi 6 wireless module for enhanced transmission speeds and improved network security;
- Industrial-grade capacitive touchscreen with IP65 protection rating.
- Operable with gloves and water-resistant display.

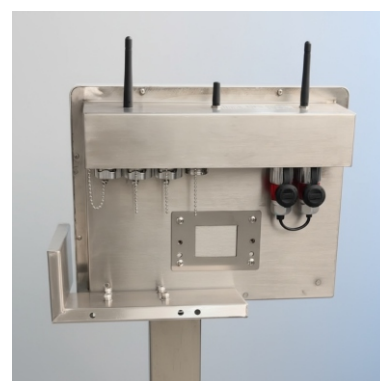


system	Android 11	Windows 10
memory	4+32	8+128
source	12V/3A	12V/5A
peripheral interface	Serial port*1 USB*4 WiFi*1 Network port*1	
network interface	Ethernet interface, Wi-Fi interface, optional 4G/5G	
Display specifications	15 inches	15.6 inches
resolution ratio	1024*768	1920×1080
touch	Capacitive waterproof touch with IP65 protection	

15-inch Waterproof Weighing Indicator



Y15S



Y15SS

Product Name	Y15S	Y15SS
Material	Stainless steel	
system	Windows 10	
Motherboard	N5095	N97
memo1y	8+128	
source	12V/5A	
peripheral interface	Serial port*1 USB*2 WiFi*1 Network port*1	
network interface	Ethernet interface, Wi-Fi interface, optional 4G/5G	
Display specifications	15 inches	
resolution ratio	1024*768	
Waterproof rating	IP 65	IP 68
Water rinsing	×	✓
Sealed waterproofconnector	×	✓

Card-Swipe Calculating PC Scale

■ Functional features:

- Piece rate assessment: Employee swiping and weighing, automatically accumulating employee piece count quantity;
- Post event traceability: If there is a problem with the product, trace the processing time and the processor;
- Cost control: Set the qualified packaging weight to avoid employees loading too much or too little;
- Statistical Query: Various report statistics can be conducted by products and employees;
- Waterproof and moisture-proof: Optional waterproof structure for seafood and meat processing, saving labor;
- Improving efficiency: Save statistical and financial workload;

■ Optional features:

Print

Tweeter

■ Specifications:

- Specification(mm): 220*280mm/235*325mm
- Range (kg): 3/6/15 /30
- Storage: 8+128G
- System: Windows
- Interface: Network port * 1 Serial port * 1 USB
- * 2 Communication: WiFi Network port optional 4G
- Display: 15 inch industrial waterproof touch
- Resolution: 1024*768
- Working temperature: -10°C~40°C
- Working humidity: -10~85% without condensation
- Protection level: IP68
- Accuracy level: Level III
- Power supply method: plug-in for use
- Power supply: 12v5A
- Card reader: IC/D card
- Pole height: 330mm



Y15W PC Scale

■ Functional features:

- The entire machine is made of metal material, which is sturdy, durable, and has a long service life;
- Design protective measures for printer interfaces to avoid wirebreakage;
- Customized high-precision sensors ensure accurate, stable, and fast weighing;
- The accessories have a plug-in structure, making maintenance convenient and simple;
- The entire machine has no exposed wires, safe and tidy;
- The motherboard is anti-static and resistant to magnetic field interference;
- The entire machine is resistant to high and low temperatures, with high reliability;
- Imported AD conversion chip for fast and stable weighing;
- Display and weighing with multiple specifications available
- Support OEM products, customize one piece at a time;



■ Optional features:

Photo tracing

AI recognition

4G communication

Secondary display

IC card

Scan code RFID

RFID

■ Specifications:

- Table size(mm): 400*500/500*600/600*800
- Range (kg): 30/60/100/150/200/300/500/800
- Division: 10g/20g/50g/100g
- System: Windows
- Display Specifications: 15-inch/15.6-inch
- Storage: 8+128G
- Interface: Network interface*1 Serial port*1 USB*4
- Communication Method: Network interface, WIFI
- Resolving Power: 1280*1024
- Power Supply: Fixed without battery, needs to be plugged in for use
- Working Conditions: -10 °C~40 °C
- Source: 12v/5A
- Printer: 80mm width thermal printing
- Pole Height: 700mm

Y15W Battery-powered Mobile PC Scale

■ Functional features:

- Large capacity power lithium battery with long standby time;
- The entire machine has a heavy metal structure and a long service life;
- Polyurethane soundproof and wear-resistant wheels with wear-resistant, corrosion-resistant, and silent effects;
- All accessories are designed with anti shaking and shockproof features to ensure stable operation during movement;
- Bold handle design for easy pushing and easy hanging of items;
- Independently developed voltage stabilizing protection module to maintain stable voltage output at all times, protecting the stable operation of printers and computers
- Equipped with a protective board inside the battery to prevent circuit shortcircuits, overcharging, and discharging;
- Digital battery level indicator, intuitive and clear;
- The weighing table has a low ground clearance structure, making handling and weighing work more effortless;



■ Optional features:

Photo tracing

AI recognition

4G communication

Secondary display

IC card

Scan code

■ Specifications:

- Table size(mm): 400*500/500*600/600*800
- Range (kg): 30/60/100/150/200/300/500/800
- Division: 10g/20g/50g/100g
- System: Windows
- Display Specifications: 15-inch/15.6-inch
- Storage: 4+64G
- Interface: Network interface*1 Serial port*1 USB*4
- Communication Method: Network interface, WIFI
- Resolving Power: 1280*1024
- Power Supply: Fixed without battery, needs to be plugged in for use
- Working Conditions: -10 °C~40 °C
- Source: 12.8v/5A
- Battery: 12v/40Ah Power lithium battery
- Printer: 80mm width thermal printing
- Move: Universal wheel*2, directional wheel*2

Y15S Simple Waterproof PC Scale

■ Functional features:

- Weighing platform and weighing pan constructed from 304 stainless steel 15-inch Windows-based simplified waterproof touchscreen
- Typical application scenarios
- Production and manufacturing: raw material batching, finished product weighing, packaging checkweighing, production data acquisition.
- Food and agricultural products: Sorting and pricing, trade settlement, traceability label printing.



■ Optional features:

Photo tracing

IC card

AI recognition

Scan code

4G communication Secondary display

System	Windows 10				
Processor	15-4200U				
Storage	8+128G				
Interface	Network interface*1 Serial port*1 USB*2				
Display Specifications	15-inch				
Resolving Power	1024*768				
Power Supply	Plug in		12v/18Ah Lithium battery		
Working Conditions	Temperature:-10℃~ 40℃ Humidity:-10 ~ 85% No condensation				
Source	12v/5A		12.8v/5A		
Printer	80mm width thermal printing				
Platform Size	400*500mm				
Maximum Range	30kg	60kg	100kg	150kg	200kg
Division	5g	10g	20g	20g	50g
Pole Height	450mm				

Y15SS IP68 Waterproof PC Scale

■ Functional features:

- The entire machine is made of 304 stainless steel material, waterproof, dustproof, and moisture-proof;
- Instrument design with heat dissipation and fully sealed structure, IP68 water proof;
- The entire machine supports water flushing operation;
- The high-speed label printer is equipped with a stainless steel waterproof cover, which reduces splashing and damages the printing head;
- 10 point capacitive touch, harsh environment with water/oil stains/gloves on smooth and sensitive touch operation;
- High precision waterproof sensor for fast and stable weighing;
- The motherboard is anti static and anti surge, and the entire machine is low consumption and stable;
- Strong sealing waterproof joint, deep waterproof and anti-corrosion;



■ Optional features:

AI recognition

4G communication

Secondary display

IC card

Scan code

RFID

■ Specifications:

- Table size(mm): 400*500
- Range (kg): 30/60/100/150/200
- Division: 10g/20g/50g
- System: Windows
- Display Specifications: 15-inch
- Storage: 8+128G
- Interface: Network interface*1 Serial port*1 USB*2
- Communication Method: Network interface, WIFI
- Resolving Power: 1024*768
- Power Supply: Plug in/ 12v/18Ah Lithium battery
- Working Conditions: -10 °C~40 °C
- Source: 12.8v/5A
- Printer: 80mmwidththermal printing
- Pole Height: 400-450mm

Smart PC Floor Scale

■ Functional features:

- High-precision sensors and rugged construction, suitable for industrial environments such as factories and warehouses.
- Large weighing platform: Accommodates pallets, bulk goods, or oversized items.
- Smart indicator: Features a built-in high-performance processor, 15-inch large-screen display, and Windows operating system.
- Data storage and traceability: Stores thousands of weighing records including weight, time, date, product name, and customer information for easy retrieval and historical tracking, eliminating manual recording errors.
- Extensive Data Interfaces: Standard RS232, USB,
- Ethernet, and Wi-Fi connectivity; optional 4G module enables seamless integration with computers, PLCs, servers, and ERP/MES systems.
- Multiple Weighing Modes: Beyond basic weighing, typically supports counting and checkweighing functions.
- Professional printer: Instantly prints weight slips, labels, or continuous records.
- User management and permission control: Operators can be assigned distinct permissions to ensure data security and standardized operations.



■ Optional features:

Photo tracing

AI recognition

4G communication Secondary display

IC card

Scan code

RFID

■ Specifications:

- System: Windows
- Display Specifications: 15-inch
- Storage: 8+128GB
- Resolution: 1024*768
- Worktop dimensions (m): 0.6*0.8 / 0.8*0.8 / 1*1 / 1.2*1.2 / 1.2*1.5 / 1.5*1.5 / 1.5*2 / 2*2
- Optional single/double ramp
- Maximum Capacity: 500kg/1T/2T/3T/5T/10T
- Material: Carbon Steel/Stainless Steel
- Printer: 80mm-wide thermal printer

Manual pallet truck scale

Smart PC Manual Pallet Truck Scale

Functional features:

- Smart printing PC forklift scale, integrating five functions: forklift mobility + weighing + system upload + battery + printing.
- The forklift structure is formed through comprehensive stamping, effectively enhancing the
- load-bearing strength of the forks.
- Standard-fit polyurethane silent wheels offer advantages including wear resistance, no pressure marks, and quiet shock absorption. Powered by a lithium battery for extended endurance.
- Printer supports label and receipt printing with customisable formats.
- High-precision branded sensor delivers rapid readings with excellent stability and sensitivity.
- Integrated hydraulic pump design ensures leak-free operation and enhanced durability.



System	Windows10	
Processor	J19002.0GHz	
Storage	4+64G	
Interface	Network interface*1 /Serial port*1 USB*4	
Display Specifications	12.1-inch	
Resolving Power	1024*768	
Working Conditions	Temperature:-10 ~ 40°C Humidity:-10 ~ 85% No condensation	
Battery	11.1v/16Ah	
Source	12.8v/5A	
Printer	Thermal label/ticket printing,supporting USB communication interface with a width of less than 58mm	
Platform	1160*685mm Broad fork	1160*550mm Narrow fork
Maximum Range	2t/3t	
Division	0.5/1kg	
Ground clearance	minimum:75mm, maximum:195mm	

Manual Pallet Truck Scale With Printing

■ Functional features:

- Quick-access operation buttons for straightforward use;
- Pre-programmed with 200 product names for instant switching;
- Features battery level indicator and automatic shutdown function;
- Incorporates cumulative weighing and tare accumulation capabilities;
- Built-in 58mm receipt printer; Pre-loaded multiple print templates for instant recall;
- Monobloc cast large hydraulic cylinder, maintenance-free and leak-proof; High-capacity lithium battery for extended runtime;
- Reinforced thickened structure for durability and enhanced weighing accuracy;
- Polyurethane wheels provide noise reduction and wear resistance for silent, long-lasting mobility;
- High-definition large-character LED display with adjustable brightness for clear, easy-to-read figures;



Optional features ∅
RS232/485 communication
Bluetooth

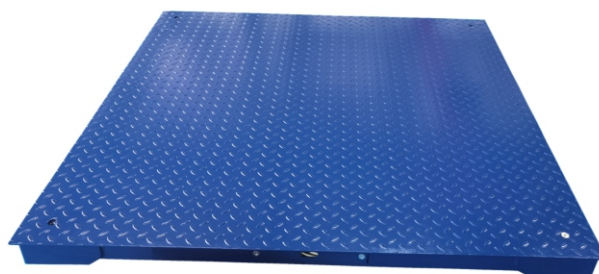
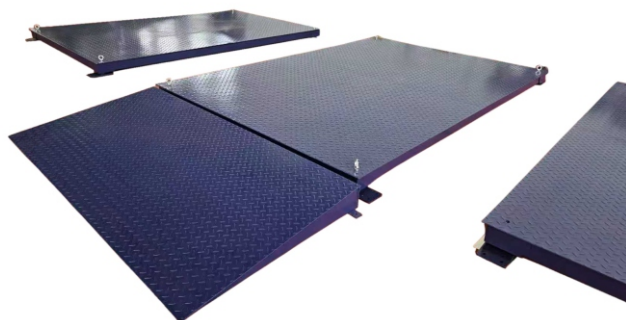
Configuration	Weighing printed	
Display	6-digital LED green or red digital display	
Working Conditions	Temperature:-10 ~ 40°C Humidity:-10 ~ 85% No condensation	
Battery	7.4V/4000mA	
Source	10.5V/1A	
Printer	Thermal label/ticket printing,supporting USB communication Interface with a width of less than 58mm	
Platform Size (mm)	1160*685mm Broad fork	1160*550mm Narrow fork
Maximum Range	2t/3t	
Division	0.5/1kg	
Ground clearance	minimum:75mm, maximum:195mm	

Floor Scale Series

Single-Storey Floor Scale

■ Functional features:

- Maximum weighing: 0.5T-5T;
- Material: Carbon steel
- Table top optional: patterned plate or flat plate;
- Surface treatment: spray molding or painting;
- Optional ramp for convenient cart weighing;
- More suitable for lifting and weighing goods, convenient for forklift shifting
- Accuracy level: Level III
- Safe overload range: 150%
- AD conversion speed: 40 times/second
- Gain drift: 0.03%
- Maximum display accuracy: 1/100000
- Display: 6-digit LED green digital display
- Sensor power supply: DC5V + 2%
- Zero adjustment range: 0-5mV
- Signal input range: -19mV~19mV
- Power supply: 10.5V/1A
- Battery: Lithium battery 7.4V/4000mA
- Operating temperature: -10~40
- Operating humidity: 85% RH
- Sensor load capacity: Up to four 350 ohm analog sensors

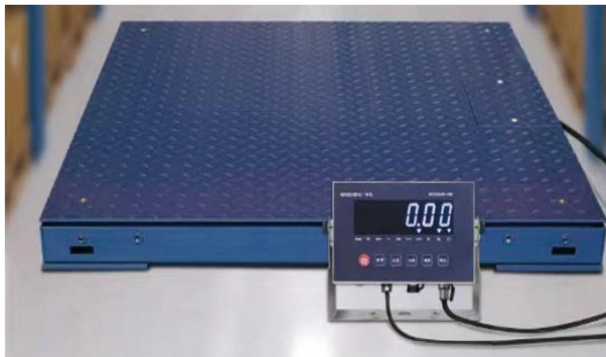


Double-Deck Floor Scale

■ Functional features:

- Double-deck frame design with sensor lateral stops. Pit installation eliminates the need for ramps or cranes; standard forklifts enable effortless loading and unloading.
- Features blind-hole sensors for superior scale body reset and weighing accuracy surpassing through-hole sensors.
- Suitable Locations: Floor placement, outdoor use, factory workshop use
- Industry Applications: Trade, warehousing, logistics
- Available in: Carbon steel/stainless steel

Dimension	Capacity	Division
800*800*105mm	1000kg	200g
1000*1000*105mm	1000kg	200g
1200*1200*105mm	3000kg	500g
1200*1500*105mm	3000kg	500g
1500*1500*105mm	3000kg	500g
1500*2000*105mm	3000kg	500g
2000*2000*105mm	5000kg	1000g



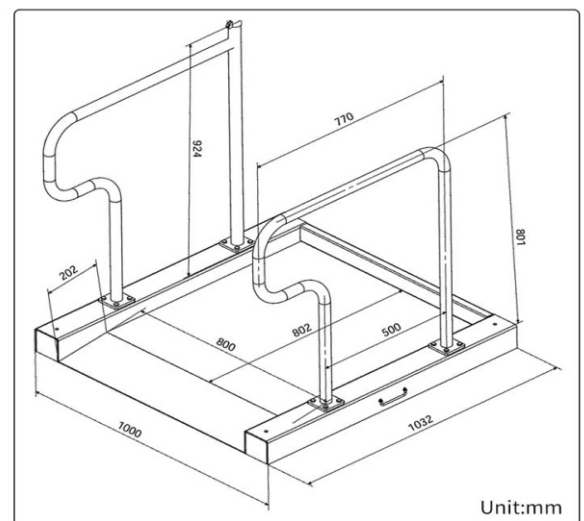
Wheelchair Floor Scale

■ Functional features:

- ABS high-strength resin material housing with carbon steel weighing platform;
- 6-digit red LED high-definition display with 25mm character height; features a robust, durable membrane keypad;
- High-precision 12-bit A/D conversion for superior measurement accuracy;
- Features basic weighing, checkweighing, simple counting, animal weighing, and peak weighing;
- Two independent serial communication ports with built-in protocols for diverse weighing applications;
- Built-in lithium battery power supply, compatible with both AC and DC;
- Standard RS232 communication interface;
- Standard three-colour checkweighing alarm light output interface;
- Weighing data can be stored and summarised via USB storage module.



Product Size



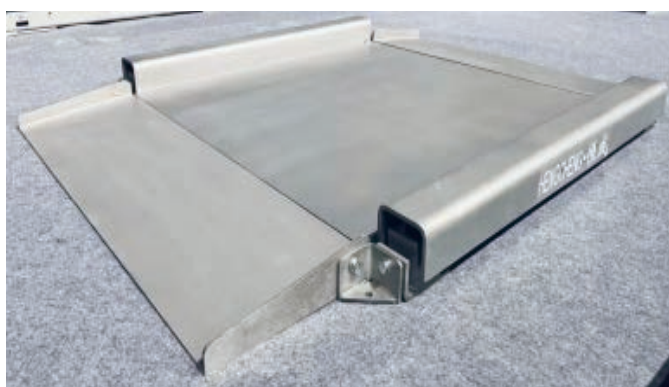
Unit:mm

- Power supply voltage: DC power supply, 5VDC $\pm 10\%$
- Battery voltage: Lithium battery 3.7V/4000mA
- Operating ambient temperature: -10°C to 40°C
- Humidity: 35 to 85% R·H
- Sensor power supply: DC 5V $\pm 2\%$, 200mA (MAX)
- Zero adjustment range: 0 to 5mV
- Gain input range: 1 to 10mV
- Conversion method: Sigma-Delta
- Weight update rate: 30 times/second
- Non-linearity: $\pm 0.003\%$ of full scale (measured at 15 bps)
- Maximum display accuracy: 1/60,000
- Input signal: Proportional measurement, compatible with 4/6-wire strain sensors
- Sensor load capacity: Up to 6 x 350 $\bar{\text{U}}$ sensors or 12 x 700 $\bar{\text{U}}$ sensors

Ultra-Low Profile Floor Scale

- Ultra-low platform with dual ramp design
- Platform height as low as 35mm
- Patterned anti-slip ramp surface
- Available in carbon steel or stainless steel
- Single or dual ramp options
- Ideal for forklift or hand truck loading/unloading
- Due to ultra-low design, maximum capacity recommended at 3 tons.

Dimension	Capacity	Division
800*800mm	1500kg	200g
1000*1000mm	1500kg	200g
1000*1000mm	3000kg	500g
1200*1200mm	1500kg	200g
1200*1200mm	3000kg	500g
1500*1500mm	3000kg	500g



Livestock Scale

Stainless steel Aisle Scales

■ Functional features:

- It is suitable for pig farms to separate pigs in different weight intervals for inspection, separate pens, enter different areas for feeding, or for scientific experiments.
- Scale body selection of four high-precision sensors, weighing accurate, equipped with stainless steel waterproof indicator, waterproof grade Ip68.
- The scale can be made of stainless steel or carbon steel.
- Equipped with handrails and moving wheels, one person can easily move the scale.
- For sorting pigs can return door, a single person can easily operate, equipped with a control rod, in one side can control the door switch.
- Marker crayons or spray scaffolds are handy for marking the weight of fattening pigs, and are used to screen and mark each pig for weight compliance.



■ Specifications:

Size: 0.63x1.5x0.9m high
 capacity: 1t
 Division value: 1/3000
 Material: Stainless steel



Hand-Cranked Moving Wheel Fence Scale

■ Functional features:

- The scale body and the fence are treated by shot blasting and plastic spraying, which is corrosion-resistant, rust-resistant and scratch-resistant.
- U-shaped beam at the bottom of the balance body, reinforced on three sides, can increase the strength of the balance body by 30% .
- Scale body for the whole anti-rodent design, effectively prevent mice biting, strong and durable, reduce after-sales costs.
- Equipped with hand-operated mobile wheels, two directional wheels, two universal wheels, easy to move the scale body, multi-site weighing.
- Optional anti-skid net.
- Suitable for users of all kinds of farms, large, medium and small.

■ Specifications:

Size: 1.5*2*0.9m/2*3*0.9m

(It can be customized.)

Specification: Capacity 3t

division value 1/3000

Configuration: Export quality sensor, anti-remote control indicator, anti-shake function, anti-rat signal line, hand-cranked lifting moving wheel , anti-slip net



Control lever Cage Scale

■ Functional features:

- Suitable for use in farms, breeding base aisles and other occasion
- The scale body selects four high-precision sensors,
- weighs accurately, equips the animal husbandry special anti-shake indicator, the stability is stronger.
- High-quality thick round/square pipe fence welding, antiskid pattern steel plate, quick disassembly touch lock cage door design, easy disassembly.
- The control rod is designed to control the two-way gate switch on one side.
- Equipped with mobile wheel, one person can easily move the scale.

■ Specifications:

Size: 600*1250*900mm/750*1500*900mm(It can be customized.)

Material: Carbon steel/ stainless steel

Fence: round tube fence + square tube fence, thickness 1.5mm

Specification: capacity 500kg division value 1/3000

■ Optional features:

RS232

RS485

Bluetooth



Explosion-Proof Scale Series

Explosion-Proof Electronic Balance

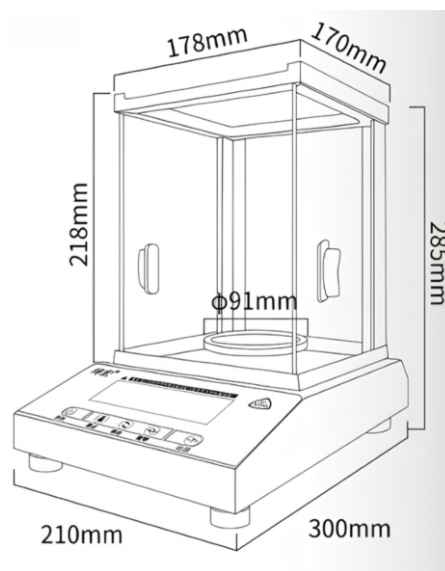
Functional features:

- 304 stainless steel housing, robust and durable, corrosion-resistant and wear-resistant;
- 6-digit LCD display with white backlight;
- High-precision 24-bit A/D conversion for enhanced measurement accuracy;
- Features basic weighing, checkweighing, and simple counting;
- Two independent serial communication ports with built-in protocols for diverse weighing applications;
- Standard RS232 communication interface;
- Multiple unit conversion functions;
- Operating environments: Chemical, petroleum, biopharmaceutical industries, etc;
- Utilizes high-precision dedicated sensors and weighing algorithms for accurate, stable, and rapid measurement results;



Technical Specifications:

- Explosion-proof Marking: Ex ibII CT4 Gb
- Certificate Number: SYEx22.0280
- Accuracy Class: Level III
- Weighing Range: 0~300g
- Platform Size (Round): 91mm diameter
- Features: Tare, Dynamic Weighing, Peak Measurement, Checkweighing, General Weighing & Counting Functions
- Safe Overload: 150% of Full Scale
- Display: 6-digit FSTN liquid crystal display with white backlight
- Power Supply: AC/DC dual-use (optional explosion-proof battery pack available)
- Ultra-low power consumption, extended standby (approx. 72 hours on full charge)
- High-precision A/D converter
- Maximum display accuracy: Intrinsically Safe Explosion-Proof Electronic Balance 1/100000



Range	100g	200g	300g	500g
Division	0.001g	0.001g	0.001g	0.001g

EX-C Explosion-Proof Bench Scale

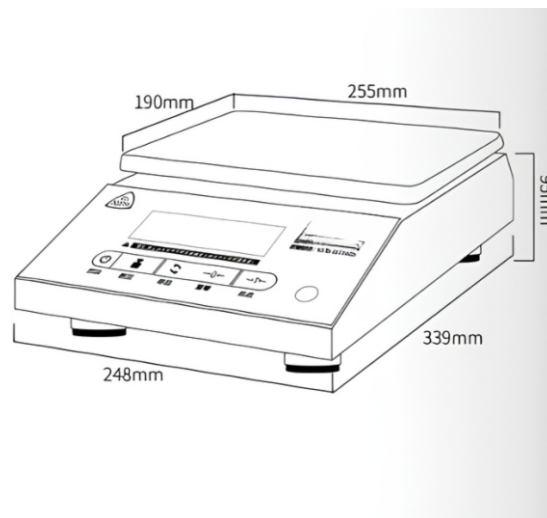
■ Functional features:

- 304 stainless steel housing, robust and durable, corrosion-resistant and wear-resistant;
- 6-digit LED LCD display with white backlight;
- High-precision 24-bit A/D conversion for enhanced measurement accuracy;
- Features basic weighing, checkweighing, and simple counting;
- Two independent serial communication ports with built-in protocols for diverse weighing applications;
- Standard RS232 communication interface;
- Multiple unit conversion functions;
- Operating environments: Chemical, petroleum, biopharmaceutical industries, etc.;
- Utilizes high-precision dedicated sensors and weighing algorithms for accurate, stable, and rapid results;



■ Technical Specifications:

- Explosion-proof Marking: Ex ib II L T4 Gb
- Certificate Number: SYEx22.0280
- Accuracy Class: Level III
- Weighing Range: 0-30kg
- Platform Dimensions (Square): 255mm x 190mm
- Features: Tare, Dynamic Weighing, Peak Measurement, Checkweighing, General Weighing & Counting Functions
- Safe overload: 150% of full scale
- Display: 6-digit FSTN LCD with white backlight
- Power supply: AC/DC dual-use (optional explosion-proof battery pack available)
- Ultra-low power consumption, extended standby (approx. 72 hours on full charge)
- High-precision A/D converter
- Maximum display accuracy: 1/100,000

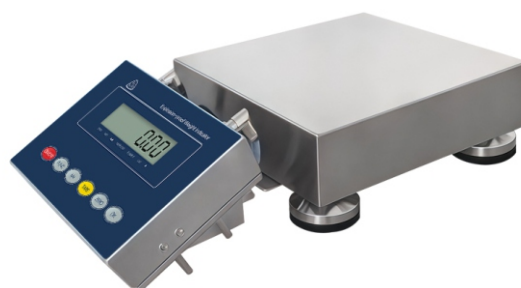


Range	3kg	6kg	15kg	30kg
Division	0.1g	0.2g	0.5g	1g

Explosion-Proof Bench Scale

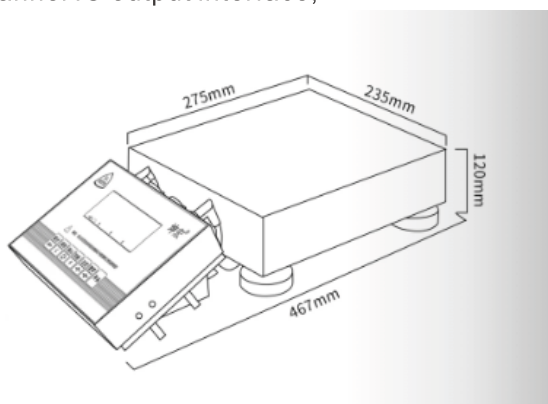
Functional features:

- SUS304 stainless steel housing, IP65 protection rating;
- 6-digit 0.8-inch LED numeric display;
- Peak hold function;
- External serial port printing capability;
- Multi-unit conversion function;
- Manual/automatic accumulation function;
- Upper/lower limit alarm function;
- Undervoltage alarm and auto shutdown function;
- Low-power design with auto-sleep and multi-level power-saving modes;
- High-precision 24-bit A/D conversion for enhanced measurement accuracy;
- Real-time clock with automatic leap year/month adjustment and built-in backup power protection;
- Features basic weighing, checkweighing, simple counting, animal weighing, and peak weighing;
- Two independent serial communication ports with built-in protocols for diverse weighing applications; Standard RS232 and RS485 interfaces with selectable baud rates and communication protocols;
- Standard large-screen communication interface with 20mA current loop connection; Standard 4-channel IO output interface;



Technical Specifications:

- Explosion-proof marking: Exib II CT4 Gb; Exib II CT130C Db
- Certificate number: SYEx24.07208X
- A/D conversion method: Sigma-Delta
- Maximum verification scale: 3000
- Accuracy class: Class I
- 304 stainless steel housing, protection rating: IP65
- Sensor power supply: DC5V $\pm 2\%$
- Input impedance: $> 10 \text{ M}\Omega$
- Zero adjustment range: 0~5 mV
- Gain input range: 1~10 mV
- Nonlinearity: 0.003% F.S. (15 bps measurement control)
- Maximum display accuracy: 1/100,000
- Sensor Load Capacity: Up to 6 x 350 \bar{U} sensors or 12 x 700 \bar{U} sensors
- Intrinsically Safe Explosion-Proof Bench Scale
- Dual Independent Serial Communication Interfaces: RS232 and RS485 compatible with Modbus-RTU protocol,
- Baud Rate: 1200~115200 selectable
- Four passive digital output interfaces
- Power supply: AC 220V/50~60Hz (optional AC intrinsically safe power supply) 7.4V/6000mA lithium battery pack (optional DC power supply)
- Operating temperature, humidity, and installation location: -10°C to 40°C, 35~85% RH non-condensing, indoor, altitude $< 200 \text{ m}$



Range	3kg	6kg	15kg	30kg	40kg
Division	0.2g	0.5g	0.5g	1g	2g

Intrinsicallysafe Explosion-Proof Platform Scale

■ Functional features:

- SUS304 stainless steel housing
- 6-digit 0.8-inch LED numeric display;
- Peak hold function; External serial port printing capability; Multi-unit conversion function;
- Manual/automatic accumulation function; Upper/lower limit alarm function;
- Undervoltage alarm and auto shutdown;
- Low-power design with auto sleep and multi-level power saving modes;
- High-precision 24-bit A/D conversion for enhanced measurement accuracy;
- Real-time clock with auto leap year/month adjustment and built-in backup power protection;
- Supports basic weighing, checkweighing, simple counting, animal weighing, and peak weighing;
- Dual independent serial communication ports with built-in protocols for diverse weighing applications;
- Standard RS232/RS485 interfaces with selectable baud rates and protocols; standard large-screen communication interface with 20mA current loop connection; standard 4x IO output interfaces;



■ Specifications:

- Explosion-proof marking: ExibIICT4 Gb; ExibIICT130°C Db
- Certificate No.: SYEx24.05238X
- A/D conversion method: Sigma-Delta
- Maximum verification scale division: 3000
- Accuracy class: Class 3
- 304 stainless steel housing, protection rating: IP65
- Sensor Power Supply: DC5V \pm 2%
- Input Impedance: $>10M\Omega$
- Zero Adjustment Range: 0~5mV
- Gain Input Range: 1~10mV
- Nonlinearity: $\pm 0.003\%$ F.S. (15bps measurement control)
- Maximum Display Accuracy: 1/100000
- Division Count: 100~100000
- Sensor load capacity: Up to 6 x 350 Ω sensors or 12 x 700 Ω sensors
- Dual independent serial communication interfaces: RS232 and RS485 compatible with Modbus-RTU
- Communication protocol, baud rate: 1200~115200 selectable
- Four passive digital output interfaces
- power supply: AC220V/50-60Hz (Optional AC intrinsically safe power supply) 7.4V/6000mA lithium battery pack (Optional DC power supply)
- Operating temperature, humidity, and installation location: -10°C to 40°C, 35~85% RH No condensation, indoor use, altitude <2000m

Range	Division
30kg	5g
60kg	5g
100kg	10g
120kg	10g
150kg	10g
200kg	20g
300kg	20g

Cabinet LPG Automatic Filling System

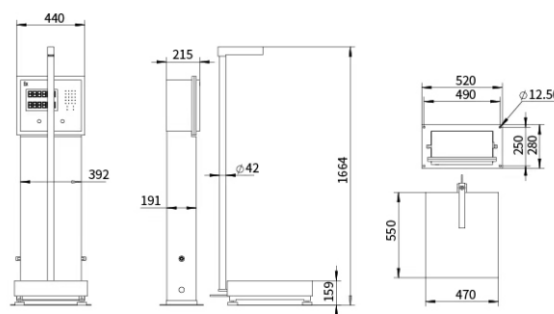
The cabinet-mounted LPG automatic filling system is engineered for liquefied petroleum gas (LPG), carbon dioxide, nitrogen, ammonia, argon, and other media, featuring high-precision metering and comprehensive safety protection. Supporting customizable filling and multiple operating modes, it withstands ultra-low temperatures (-196°C) and high-pressure conditions (16MPa), with an explosion-proof rating of Ex ic LIT4 Gc, ensuring stable operation in flammable and explosive environments.

■ Functional features:

- High-precision measurement with multiple filling modes.
- Ex-rated with IIC T4 Gc explosion-proof certification, ensuring safety and reliability.
- Smart data traceability with multi-condition queries.
- With a pressure rating up to 16MPa, suitable for high-pressure applications.
- Capable of handling ultra-low temperature media at -196°C .
- Supports custom filling weight and mode.
- Features empty bottle rejection and overflow prevention.
- Critical parameters are password-protected to prevent data loss during power outages.
- Compatible with liquefied petroleum gas (LPG), carbon dioxide (CO_2), and other gases.
- Global certification, supporting standardized and localized deployment.

■ Specifications:

- Source: Single-phase 220V 50Hz
- Power: 30W
- Maximum weighing capacity: Standard capacity: 120kg, adjustable range
- Smallest measurement: 1kg
- Division value: Standard 50g, with selectable graduations
- Class of accuracy: Level III
- Gas type: Liquefied petroleum gas, carbon dioxide, nitrogen, ammonia, argon, etc.
- Working temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Working humidity: relative humidity $\leq 90\%$
- Working pressure: 0~16MPa
- Explosion-proof sign: Ex ic IIC T4 Gc



■ Optional features:

Customisation Platform

Customisable Weighing Capacity

Selectable Division

Gas Filling Scale (Pole-Mounted)

Suitable for filling liquefied petroleum gas and other liquefied gases with explosion-proof requirements not exceeding Ex ib II Ct4.

■ Functional features:

- Automatic tare function with platform auto-zeroing (resets automatically upon platform weight changes, cylinder weight variations, or barrel replacements);
- Automatic cutoff at preset weight with audible alarm and visual alert;
- Automatic recording and storage of filling data for each cylinder;
- Selectable filling modes to accommodate different user filling methods;
- Intuitive display of pre-fill weight, fill volume, and post-fill weight for each cylinder;
- Filling interface options: Normal filling mode or a mode that hides empty cylinder weight. When filling reaches 10% of the target volume, the total weight zone displays the weight. Switch between modes by pressing and holding the "Cylinder Weight -0.5" key for 3 seconds.
- Batch query function: Query the cumulative number of cylinders and total gas consumption for the last ten batches in the filling interface.
- Anti-tampering function: If human intervention causes the scale platform weight to decrease during filling, the filling process stops and an automatic alarm -LOC- is triggered.
- Overfill Prevention: Each cylinder type has a maximum fill limit, configurable by the user. Customer codes and cylinder serial numbers can be entered to enable customer sales management and cylinder tracking (requires wireless data communication module).
- Wireless Communication (Optional): Transmits filling data in real-time to computer software for live monitoring, querying cylinder filling details, and accessing summary reports.



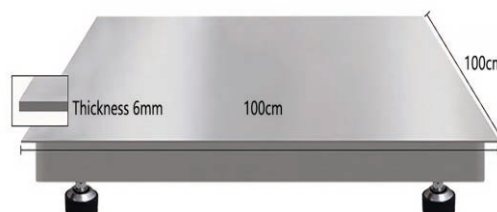
■ Specifications:

- Model: LPG-120 Gas Filling Scale (Pole-Mounted)
- Accuracy: Class 3
- Minimum weighing capacity: 2 kg
- Maximum weighing capacity: 120 kg
- Division number: 3000
- Division value: 100 g
- Operating pressure: 0~1.6 MPa
- Valve service life: Not less than 2 years

Explosion-Proof Floor Scales

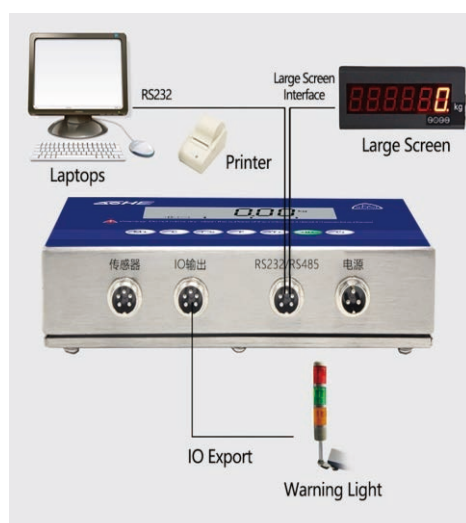
■ Functional features:

- The entire unit is constructed from SUS304 stainless steel;
- Weighing platform surface features polished and brushed finishes.
- 6-digit LCD display;
- Equipped with four intrinsically safe explosion-proof load cells, IP67 protection rating;
- Self-righting feet with excellent self-resetting capability;
- Terminal box: Fully stainless steel housing with Ip68 protection rating, significantly reducing data drift caused by humidity. Waterproof, corrosion-resistant, dustproof, and interference-resistant.
- Features on-site functionalities including tare, zero setting, accumulation, weight measurement, checkweighing, and printing.
- Capacity: 0.6m*0.8m/0.8m*0.8m/1m*1m/1.2*1.2m/1.2m*1.5m/1.5m*1.5m/1.5m*2m/2m*2m
- Maximum weighing: 0.5T-5T;



■ Specifications:

- Key Technical Specifications
- Explosion-proof Marking: Exib I CT4 Gb
- Certificate Number: SYEx19.0870
- A/D Conversion Method: Sigma-Delta
- Maximum Verification Division: 3000
- Accuracy Class: Class III



- 304 Stainless Steel Housing, Protection Rating: Ip65
- Sensor Power Supply: DC5V \pm 2%
- Input impedance: $>10\text{ M}\Omega$
- Zero adjustment range: 0–5 mV
- Gain input range: 1–10 mV
- Non-linearity: +0.003% F.S. (15 bps measurement control)
- Maximum display accuracy: 1/100,000
- Division range: 100–100,000
- Sensor load capacity: Up to 4 x 350 $\dot{\text{U}}$ analogue sensors
- Baud rate: 1200–115200 selectable
- Four passive digital output interfaces
- Power supply: AC 220V/50–60Hz (optional AC intrinsically safe power supply)
- 7.4V/6000mA lithium battery pack (optional DC power supply)
- Operating temperature, humidity, and installation location: 10°C to 40°C, 35–85% RH non-condensing, indoor, altitude $<2000\text{m}$

Checkweigher

MN-150 Small Checkweigher



source	AC220V+10% 50HZ(60HZ)
power rating	100W
Single weighing range	≤500g
Precision range of measurement	+0.1g~+0.3g
minimum scale	0.1g
transporting velocity	25-50 packs per minute
bulk material size	≤160mm (L) *130mm (W)
dimension of conveyor belt	250mm (L) *160mm (W)
product sizeExclusion method	523mm (L) *250mm (W) *345mm(H)the left and right sides
navar	A/D Sampling Controller
Pre-set product ID	100
sensor	AVIC/Tolito High Precision Sensor
any power-generating or power-driven machine	stepper motor
work environment	Temperature: -15°C to 50°C, Humidity: 30% to 95%
body material	SUS stainless steel

Packaging Detection Alarm Printing Roller Scale

■ Functional features:

- Dockable assembly line for weight inspection and weighing
- Standard three color sound and light alarm light;
- Free setting of qualified weighing range;
- Built in 58 small ticket label universal printer
- Printable continuous ticket and label paper;
- Supports barcode and QR code printing;
- Supports automatic/manual/weight qualified printing;

■ Optional features:

USB storage

Battery

Dynamic weighing

Remove



■ Specifications:

- Table size(mm): 380*550/480*650/580*800
- Standard height: 700mm > 20mm
- Range(kg): 30/60/100 /150/200/300
- Special sizes can be customized
- Accuracy level: Level III
- Safe overload range: 150%
- AD conversion speed: 40 times/second
- Gain drift: 0.03%
- Maximum display accuracy: 1/100000
- Display: 6-digit LED green digital display
- Sensor power supply: DC5V \pm 2%
- Zero adjustment range: -5-5mV
- Signal input range: -19mV~19mV
- Power supply: AC220V/50HZ
- Operating temperature: -10~40
- Operating humidity: \leq 85% RH
- Sensor load capacity: Up to four 350 ohm analog sensors

15-Inch PC Roller Scale

■ Functional features:

- Suitable for multiple product weight inspection and recording functions;
- Weighing can match multiple data records or uploads such as production batch number, operator, material number, team, and process card;
- Dockable assembly line optional dynamic weighing;
- Data can be wirelessly connected to all factory ERP systems;
- High strength anti magnetic interference and antistatic performance of the motherboard;
- High resolution full view LCD display with external large screen;
- The capacitive touch screen is smooth and sensitive;
- Free technical support for secondary development;



■ Optional features:

4G communication

Dynamic weighing

Print

Barcode recognition

Battery

Loudspeaker broadcasting

■ Specifications:

- Table size(mm): 380*550/480*650/580*800
- Standard height: 700mm > 20mm
- Range(kg): 30/60/100 /150/200/300
Special sizes can be customized
- System: Windows
- Display Specifications: 15-inch/15.6-inch
- Storage: 4+64G
- Interface: Network interface*1 Serial port*1 USB*4
- Communication Method: Network interface, WIFI
- Resolving Power: 1280*1024
- Power Supply: Fixed without battery, needs to be plugged in for use
- Working Conditions: -10°C~40°C
- Source: 12V/5A
- Printer: 80mm width thermal printing

High-Speed Dynamic Checkweigher

■ Functional features:

- Achieves high-speed, high-precision weighing and rejection;
- Enables in-line detection of product weight compliance, missing components or manuals within packaging;
- Features intelligent recognition with excellent stability. Low error rate, virtually zero defects; ensures product quality and minimises unnecessary disputes;
- Optimises production processes, reducing costs and increasing profits;
- Records production data including output quantity, batch tracking, total weight, net weight, and rejected weight;

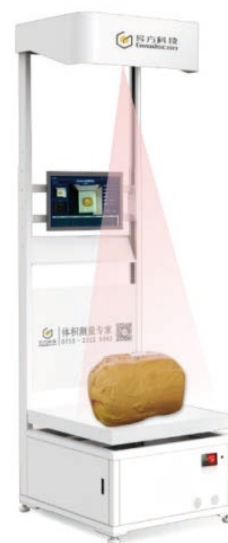


Model	XZC1010	XZC210	XZC300	XZC400	XZC500
Rated power	0.1KW	0.15KW	0.4KW	0.4KW	0.4KW
Range	300g	1500g	≤3000g	≤15kg	45kg
Accuracy	+0.05g~+0.1g	+0.2g~+0.5g	+0.5g~+1g	+1g~+3g	+10g~+20g
Graduation value	0.01g	0.1g	0.1g	1g	1g
Conveying speed	20~100mm/min	30~100mm/min	30~80mm/min	20~70mm/min	10~35mm/min
Maximum speed	100pcs/min		80pcs/min	70pcs/min	35pcs/min
Weighing material	≤100*150	≤300*200	≤350*290	≤450*390	≤700*490
Belt size	250*120	400*210	450*300	620*400	900*500
Overall size	900*500*1250	1522*560*1222	1806*855*1180	2146*1110*1231	3000*1230*1231
Material quality	SUS304 Stainless steel				
Exclusion method	Blowing type/push rod/paddle/flap/belt sinking		Pushrod/paddle/flap/belt sinking	Pushrod	
Number of prefabricated products	100 pcs				
Work environment	Temperature:-10 ~ 40°C Humidity:85%				
Source	AC220V±10% 50HZ(60HZ)				

GS210-DWS Static Measurement

Functional features:

- Product features:
 - ✓ Prescription measurement
 - ✓ Weight measurement
 - ✓ Automatic QR code scanning
 - ✓ Photo capture
 - ✓ Data/image storage and upload
 - ✓ Data interface for system
- integration Product features: Adjustable measurement range for small and medium-sized items, suitable for regular, irregular, or special shapes, and can be placed on any surface.



Product Parameter:

Model	XZC500
measuring principle	3D visual measurement
certainty of measurement	±5mm
Maximum test object size	800x800x800mm
Minimum test object size	50x50x50mm
weighing precision	±10g
maximum weight of the object under test	60Kg
Measurement speed	1 item per second
Shape of the object under test	Regular/irregular
memory function	Supports storing photos of each item
external SUPPORT	Windows system; compatible with scanning, weighing, and printing; provides data interfaces for system integration
product composition	Complete machine frame with baked paint or spray coating; measurement module; code reading module; weighing module; computer kit (21-inch screen); wireless barcode scanner.
usage scenario	New product warehousing, recommended packaging, logistics and warehousing management, truck scheduling, and outbound freight settlement

▶ Axle Load Gauge/Weighbridge Series

K Series Axle Load Gauge

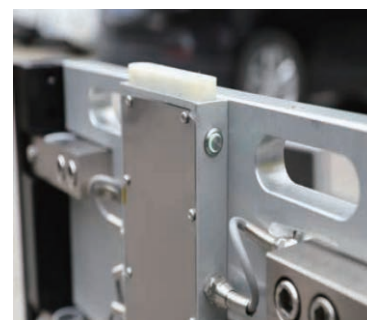
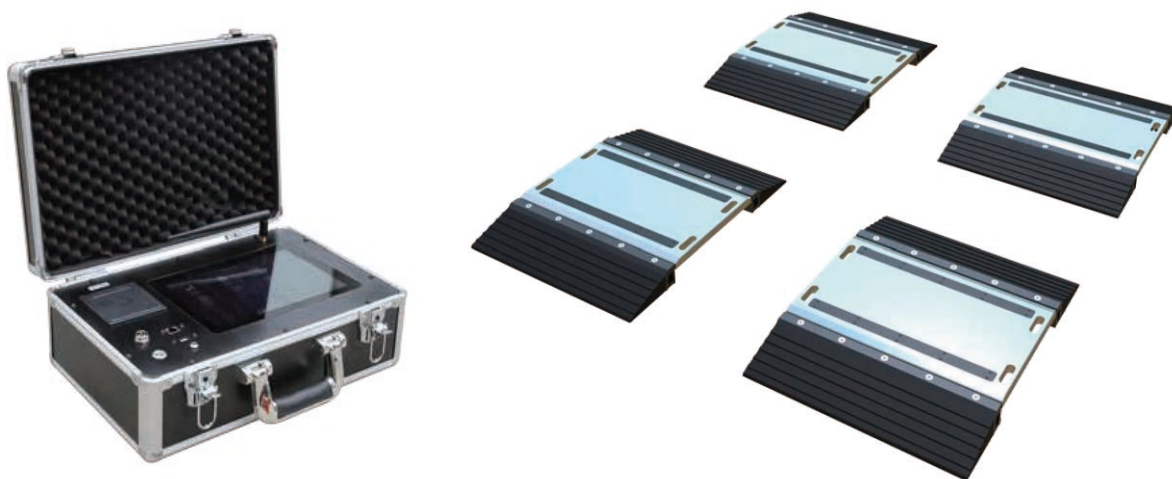
■ Functional features:

- Single-cell load cell capacity: 1 t to 30 t (selectable based on different size specifications).
- Static accuracy of platform plate achieves within 0.1% to -0.3% F.S.; dynamic weighing equipped with transition plate achieves accuracy within 3% F.S. · Load cells undergo high and low temperature ageing tests, ensuring normal operation within -20°C to +80°C environments.
- Integrated platform and ramp design features slim profile and lightweight construction. Requires only hardened ground placement, eliminating foundation works. Facilitates installation, operation and storage with exceptional value for money.
- Widely applied in vehicle dynamic weighing applications.
- Wireless signal transmission employs proprietary YSXLB signal transmission and reception technology, delivering high sensitivity, robust interference resistance and unobstructed transmission exceeding 30 metres.



material	specified load t	size mm	Sensor model	Number of sensors	slope material	slope material	Inclined slope dimension (mm)	static accuracy
aviation aluminum	10	500*400*29	integrated		rubber	500*330*30	0.2%	5%
aviation aluminum	15	700*430*29			rubber	700*330*35	0.2%	5%
aviation aluminum	20	700*430*35			rubber	700*330*35	0.2%	5%
aviation aluminum	25	800*430*35			rubber	800*350*35	0.2%	5%
1. Additional functional requirements for the workbench; 3. Addition of peripherals(cameras, radar, light screens, etc.); 5. Related supporting products; all of the above can be customized according to requirements.					2. Special requirements for the instrument; 4. Special slope guides and transition boards;			

S Series Axle Load Gauge



material	specified load t	size mm	Sensor model	Number of sensors	slope material	slope material	Inclined slope dimension (mm)	static accuracy
aviation aluminum	5	500*400*60	SBS-3t	4	rubber	500*180*45	0.2%	5%
aviation aluminum	15	720*450*60	SBS-3t	10	rubber	700*180*50	0.2%	5%
aviation aluminum	15	900*500*60	SBS-3t	10	rubber	900*250*50	0.2%	5%
aviation aluminum	20-40	Customization	SBS-3t	Customization	rubber	Customization	0.2%	5%

1. Additional functional requirements for the workbench; 2. Special requirements for the instrument;
 3. Addition of peripherals (cameras, radar, light screens, etc.); 4. Special slope guides and transition boards;
 5. Related supporting products; all of the above can be customized according to requirements.

L Series Axle Load Gauge



material	specified load t	size mm	Sensor model	Number of sensors	slope material	Inclined slope dimension (mm)	static accuracy	dynamic accuracy
aviation aluminum	5~10	500*400*40	Hub 5t/10t	rubber	4	500*230*45	0.2%	3%
aviation aluminum	25	720*450*40		rubber	6	720*310*45	0.2%	3%
aviation aluminum	25	900*500*42		rubber	6	900*350*45	0.2%	3%
aviation aluminum	5~100	Customized		rubber	Customization	custom made	0.2%	3%

1. Other functional requirements for the workbench;
 2. Special requirements for the instrument;
 3. Addition of peripherals (cameras, radar, light screens, etc.);
 4. Special slope guides and transition boards;
 5. Related supporting products; All of the above can be customized according to requirements.

■ Application Scenarios:

- Highway enforcement inspections by traffic police and road administration departments for vehicle overloading.
- Testing requirements for wheel load, axle load, and gross vehicle weight by vehicle manufacturers.
- Industrial and mining enterprises, construction sites, ports, warehousing, logistics, and similar businesses requiring vehicle weighing solutions.
- Sites lacking permission for fixed weighbridge installation, or individuals/enterprises requiring frequent relocation.

Weighbridge

■ Functional features:

- Rapid and accurate weighing, digital display, intuitive and easy to read, stable and reliable, easy to maintain, won the trust of the majority of users.
- The entire truck scale system is equipped with stable and reliable highprecision load cells and intelligent weighing display indicators, the indicator has high sensitivity, high resolution, rich software functions, stable and reliable work, weighing data through the indicator standard output interface for printing needs, can also be connected with the computer, unattended and other weighing systems.

■ Specifications:

- Size: 2*4-3.3*21m can be customized
- Load Cell: Optional according to demand
- Indicator: Optional according to demand

■ Product applicabl:

Suitable for coal mining

Metallurgy

Cement

Feed

Chemical

Ports

Power plants and other industries



Crane Scale Series

OSC Series Crane Scale



OCS-A2 Electronic Hook Scale

- Display Mode: Switchable between red and green digits
- Maximum Capacity: 1T/200g, 2T/500g, 3T/1kg, 5T/2kg, 10T/5kg
- Packing Quantity: 1 unit per carton
- Packaging Dimensions: 51x32x26cm
- Remote Control Large Screen Display

OCS-A3 Electronic Hook Scale

- Display Mode: Switchable between red and green digits
- Maximum Capacity: 1T/200g, 2T/500g, 3T/1kg, 5T/2kg, 10T/5kg
- Packing Quantity: 1 unit/box
- Packaging Dimensions: 62x38x26cm

OCS-A4 Electronic Hook Scale

- Display Mode: LCD/LED/High-Temperature Resistant
- Maximum Capacity: 3T/1kg, 5T/2kg, 10T/5kg, 15T/5kg, 20T/10kg
- Packing Quantity: 1 unit/box
- Dimensions: 52x46x30cm
- Remote Control Large Screen Display

OCS-A5 Electronic Hook Scale

- Display Mode: Red/Green numeric display (switchable)
- Maximum Capacity: 3T/1kg, 5T/2kg, 10T/5kg, 15T/5kg, 20T/10kg, 30T/50kg, 50T/100kg
- Packing Quantity: 1 unit/box
- Packaging Dimensions: 52x46x30cm
- Handheld or printer optional

BC Wireless Crane Scale

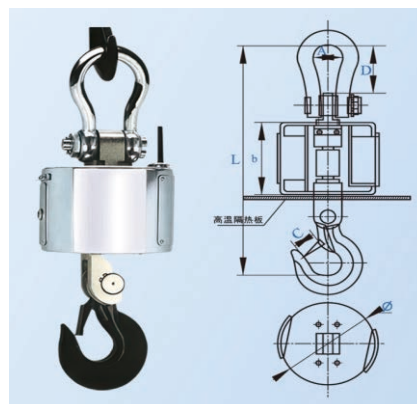
■ Functional features:

- **Scale Body Features:** Classic all-steel construction housing offers impact resistance and electromagnetic interference immunity. Operating temperature customisable to user requirements: standard range -10°C to 55°C, heat-resistant type standard range to 80°C. Modular design of battery compartment and A/D transmitter bay facilitates straightforward modification, maintenance and upgrades.
- **C Indicator Features:** Built-in EPSON printer capable of printing complete weighing data. Stores up to 2900 sets of weighing data with support for Chinese header input. Fully interchangeable, modular design simplifies maintenance. Fully open programming allows customisation and configuration for diverse applications. Optional RS232 serial output for communication with host computers. Optional 4–20mA remote transmission module.



■ Technical Index:

- Compliance Standard: GB/T11883-2017
- Accuracy Class: Level III
- Stabilisation Time: <8 seconds
- Safe Overload: 150% F.S.
- Ultimate Load Capacity: 400% F.S.
- Overload Alarm: 100% F.S. + 9e
- Operating Temperature: -10°C to 55°C



Range:	Accuracy:	A	B	C	D	L	Φ
5t	2kg	75	190	45	130	635	270
10t	5kg	106	190	60	170	711	270
15t	5kg	150	210	66	193	913	295
20t	10kg	150	102	86	193	913	295
30t	10kg	150	102	120	274	1060	320
45t	20kg	214	70	130	274	1285	375
50t	20kg	214	270	130	274	1285	375

AI Commercial Scales Series

H193 AI Recognition Cash Register Scale



Model	Model: H193 AI Scale
MAX-weighing capacity	MAX/6/15/30KG
Division value	MIN/2/5/10g
Printer	Built-in 58mm thermal receipt printer
Print width	58mm
Standard equipped sensor	Paper shortage detection
CPU	Intel i3/i5/i7 N5095
Memory	4G/8G
Storage	64G/128G/256G/512G
Operating system	Win7/ Win10
Display screen	The main screen15.6 inches /the secondary screen15.6 inches
Touch method	Capacitive touch screen
Scale body	Top-notch OS3 scale body
Communication interface	RJ45*1 USB*6 RJ11*1 DC*1
Power input	DC12V/6A

H193B H193S AI-Recognized label Scale



H193B



H193S

■ Technical parameters:

Model	H193B	H193S
MAX-weighing capacity	MAX/6/15/30KG	
Division value	MIN/2/5g/10g	
Label machine	Built-in label printer,58mm	
CPU	Android-RK3566/RK3568	Intel i3/i5/i7 N5095
Memory	2G/4G	4G/8G
Storage	32G/64G	64G/128G/256G/512G
Operating system	Android	Win7/ Win10
Display screen	15.6 inches	
Touch method	Capacitive touch screen	
Scale body	Top-notch OS3 scale body/Top-notch OS6 scale body	
Communication interface	RJ45*1 USB*4 DC*1	RJ45*1 USB*6 RJ11*1 DC*1
Power input	DC12V/6A	

Ai-Recognized Scale



■ Specification parameter:

Model number	10.1 inchSilver table balance2G, 16G
CoreSystem	Android10
display	10.1 inch display (800*1280) + capacitive touch screensupport
Wireless/speaker	ACLAS 15KG
秤体	12V3A
Power source	260x410x580 Length width height (mm)
dimensionweight	7KG
algorithm	Algorithm software

■ Specification parameter:

Model number	Ai menu recognition self-service cashiermachine
Main board	Intel Core i5 third-generation processor
Internal memory	DDRIII generations 8G notebook memory
Hard disk	128GminiSATA plug-in SSD
Home screen	BOE15.6 inch (1366*768) + capacitive multi-touch screen
Guest screen	BOE15.6 inch (1366*768)
wireless	support
megaphone	Hi-fi5w
camera	Wide dynamic 500w HD,support HDR,resolution 2592*1944
Face recognition	Binocular face HD camera
Card reader/payment	Card Encoder
Power source	DC12V8A





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