ROYLAB

BALANCES

CONTENT

VERSION.2023

ROYLAB

Analytical Balance

BA-H3204

CE FDA

Readability: 0.0001g

Max. Capacity: 100g; 120g; 2000g; 210g; 220g; 320g

Stable time：≤8s

Tare Function/Counting

Features

- LCD screen
- Open menu, easy to operate
- Fully transparent design
- Fully automatic fault detection
- Clear and fast reading
- Built-in RS232 communication interface can be connected to a computer or printer
- Adopt unique high-precision electromagnetic force balance force sensor and high-performance single-chip microprocessor system.
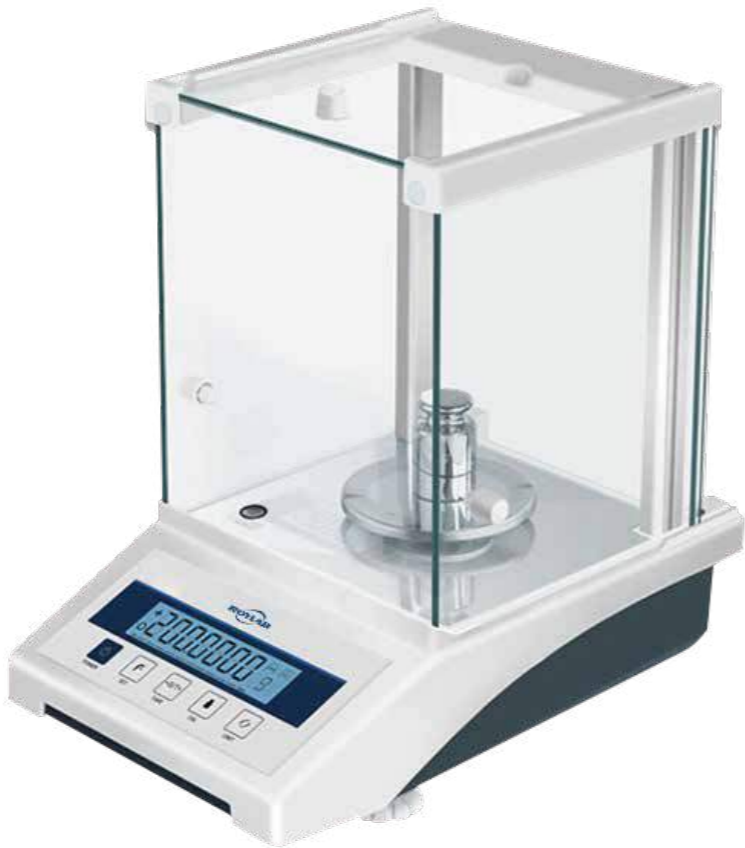
Main function

- Weighing unit conversion
- Counting function
- Automatic reminder of weighing value
- Under weighing
- Automatic alarm function
- Adjustable integration time
- Adjustable sensitivity
- Tare function

Description

It is an advanced electronic balance integrating precision, stability, multi-function and automation. It is widely used as an experimental instrument in the analytical industry, metallurgy, coal mining, food, colleges and universities and other fields.

Specifications

Model	BA-H3204
Accuracy level	Class I
Capacity	0~320g
Readability	0.0001g
Integration time (adjustable)	2. 5/5/10 s
Stable Time	≤8s
Electricity	220V external AC power adapter (DC6VX2A)
Pan size (mm)	Φ80
External dimensions (L*W*H)	366×230×340
Net weight	8kg

0.0001g Analytical Balance

BA-E1004   BA-E1104   BA-E1204
BA-E2004   BA-E2104   BA-E2204

CE FDA

Description

Extornal calibration	Sensitivity/Speed set/Percentage
Electromagnetic force sensor	Density function
LCD(White back light with black front)	Calibration time setting
Tare function/Counting/Unit conversion	Overload alarm/Fault alarm/Level indicator
Accumulation function/peak hold/Upper and lower set	Print function(baud rate setting,Continuous communication or press communication)
Dynamic weighing /Net and Gross/Clock function(optional)	Option:Density kit (solid/liquid)/printer

Specifications

Model	BA-E1004	BA-E1104	BA-E1204	BA-E2004	BA-E2104	BA-E2204
Capacity(g)	100g	110g	120g	200g	210g	220g
Readability(g)	0.0001g					
Min weighing(g)	0.0004g					
Stable Time	≤3s					
Display	LCD(white back light with black font)					
Pan size	Φ80mm(Standard),Φ90mm(Optional)					
Operation temp	5-35℃					
Repeat ability	±0.0002g					
Linearity	±0.0003g					
Dimension	300X200X295mm					
Draft shield size	180x175x200mm					
LCD Size	96x24mm					
Cal.weight	Extornal calibration					
Option	RS232C(Standard)/Printer(Optional)					
Packing size	425x320x415mm					
G . weight	8.0kg					

Product details

0.0001g Analytical Balance

BA-N1104   BA-N1204   BA-N2004   BA-N2104   BA-N2204

CE FDA

Description

- Internal auto calibration
- Under weighing
- Unit conversion (g/mg/ct/oz)…
- Aluminum shell/Large space wind proof cover
- Tare function/ Counting/Percentage
- Sensitivity/Speed set
- Electromagnetic force sensor
- LCD(White back light with black font)
- One key/Time trigger internal calibration
- Overload alarm/Fault alarm/Level indicator

Specifications

Model	BA-N1104	BA-N1204	BA-N2004	BA-N2104	BA-N2204
Max. capacity(g)	110	120	200	210	220
Readability(g)	0.0001				
Min weighing(g)	0.0004				
Stable Time	≤3s				
Display	LCD（white back light with black font）				
Pan size	Φ80mm				
Operation temp	5-25℃				
Repeat ability	±0.0002g				
Linearity	±0.0003g				
Draft shield size	240mmx190mmx265mm				
Cal.weight	Internal Calibration				
Option	RS232(Standard)				
Packing size	Inside：415x285x430mm Outside：475x315x485mm				
G . weight	10kg				

0.001g Analytical Balance

CE FDA

RLIFT-BA-N203 RLIFT-BA-N303 RLIFT-BA-N503 RLIFT-BA-N603

Description

- Electromagnetic sensor
- BA-N (Internal Calibration)
- Aluminum shell Large space wind proof cover
- LCD(White back light with black font)
- Tare function/ Counting/Unit conversio(g/mg/ct/oz)…
- Sensitivity/Speed set/Percentage
- Overload alarm/Fault alarm/Level indicator
- Option: Under weighing/Printer

Specifications

Model	RLIFT-BA – N203	RLIFT-BA -N303	RLIFT-BA -N503	RLIFT-BA -N603
Max. capacity(g)	200	300	500	600
Readability(g)	0.001			
Min weighing(g)	0.004			
Stable Time	≤3s			
Display	LCD(white back light with black font）			
Pan size	Φ80mm			
Operation temp	5-25℃			
Repeat ability	±0.002g			
Linearity	±0.003g			
Draft shield size	240mmx190mmx265mm			
Cal.weight	200g		Internal Calibration	
Option	RS232C & RS486,Printer			
Packing size	Inside:415x285x430mm Outside:475x315x485mm			
G . weight	10kgµL			

0.0001g Analytical Balance

BA-P2104   BA-P3104   BA-P4104   BA-P5104   BA-P6104

CE FDA

Description

🎯 Internal calibration

📝 Sensitivity/Speed set

LCD LCD(White back light with black font)

🔄 Tare function/ Counting/Percentage

👆 One key/Time trigger internal calibration

🕐 Unit conversion (g/mg/ct/oz)…

📡 Electromagnetic force sensor

⚠️ Overload alarm/Fault alarm/Level indicator

🚫 Glass draft shield with 3 sliding doors for easy access to the items being weighed

Specifications

Model	BA-P2104	BA-P3104	BA-P4104	BA-P5104	BA-P6104
Max. capacity(g)	210	310	410	510	610
Readability(mg)	0.1mg				
Min weighing(mg)	0.4mg				
Stable Time	≤4s				
Display	LCD（green back light with black font）				
Pan size	Φ80mm				
Operation temp	5-25℃				
Repeat ability	0.1mg If the weight≤220g				
	0.3mg from 220g to 310g				
	0.35mg from 310g to 610g				
Linearity	± 0.5mg				
Draft shield size	162mm×171mm×225mm				
Cal.weight	External（Internal）Calibration				
Option	RS232C(Standard)/RS485/Printer(Optional)				
Dimension	345×215×345mm				
N . weight	7 kg				

CE FDA

0.0001g Analytical Balance

BA-T1104   BA-T1204   BA-T2004   BA-T2204

Description

🎯 Internal auto calibration

⋯ 5 Inch touch panel

🔲 Under weighing

🕐 Sensitivity/Speed set

👆 One key/Time trigger internal calibration

📡 Electromagnetic force sensor

🚫 Aluminum shell/Large space wind proof cover

📝 Tare function/ Counting/Density/ Percentage

🔄 Unit conversion (g/mg/ct/oz/ib)…

⚠️ Overload alarm/Fault alarm/Level indicator

✔️ Option:Density kit (Solid/Liquid)

Specifications

Model	BA-T1104	BA-T1204	BA-T2004	BA-T2204
Capacity(g)	110	120	200	220
Readability(g)	0.0001			
Min weighing(g)	0.0004			
Stable Time	≤3s			
Display	LCD(white back light with black font)			
Pan size	Φ80mm			
Operation temp	5-25℃			
Repeat ability	±0.0002g			
Linearity	±0.0003g			
Draft shield size	240mmx190mmx265mm			
Cal.weight	Internal Calibration			
Option	RS232C & RS486,Printer			
Packing size	Inside:415x285x430mm Outside:475x315x485mm			
G . weight	10kg			

0.001g Analytical Balance

RLIFT-BA-W113H   RLIFT-BA-W213H   RLIFT-BA-W323H

CE FDA

Description

LCD LED(Green)/LCD

Tare function/Counting

Overload alarm/Level indicator

Option:Under weighing/Printer

Aluminum shell/Large space wind proof cover

Specifications

Model	RLIFT-BA-W113H	RLIFT-BA-W213H	RLIFT-BA-W323H
Max. capacity(g)	110	210	310
Sensor	Magnet		
Readability(g)	0.001		
Min weighing(g)	0.004		
Stable Time	≤3s		
Display	LED		
Pan size	Φ90mm		
Operation temp	5-25℃		
Repeat ability	±0.002g		
Linearity	±0.003g		
Draft shield size	240mmx190mmx265mm		
Cal.weight	100g	200g	
Option	RS232C & RS485,Printer		
Packing size	Inside:415x285x430mm		
	Outside:475x315x485mm		
G . weight	7.5kg		

0.001g/0.01g Analytical Balance

CE FDA **RLIFT-BA-W113P RLIFT-BA-W213P RLIFT-BA-W313P RLIFT-BA-W113PD**

Description

Min weighing set

Overload alarm/Level indicator

AC and DC power supply

LCD LCD(White back light with black front)

Tare function/Counting/Unit conversion(g/ct/oz)...

Option:Dual display/Interface/Printer/Dust cover

Specifications

Model	RLIFT-BA-W113P	RLIFT-BA-W213P	RLIFT-BA-W313P	RLIFT-BA-W113PD
Max. capacity(g)	110	210	310	100/600 dual range
Sensor	Load Cell			
Readability(g)	0.001			0.001/0.01
Min Weighing(g)	0.004			0.004/0.04
Stable Time	≤ 3s			
Display	LCD（white back light with black font）			
Pan size	Φ90mm			Φ90mm/110mm
Operation temp	5-25℃			
Repeat ability	±0.002g			±2d
Linearity	±0.003g			±3d
Draft shield size	177mmx173mmx205mm			
Cal.weight	100g	200g		200g
Option	RS232C&RS485,Printer,Dual display,USB...			
Packing size	Unit sets Inside：350x265x345mm Four Outside：740x550x390mm			
G.weight	4.0/16kg			

0.001g Analytical Balance

RLIFT-BA-W203 RLIFT-BA-W303 RLIFT-BA-W503
RLIFT-BA-W603 RLIFT-BA-W1003 RLIFT-BA-W1203

CE FDA

Description

LCD Five-key operation, super large LCD backlight display,

A new generation of electromagnetic force balance sensor, weighing fast and stable;

Man-machine dialogue interface, east balance weighing operation;

Three-door glass sliding windshield, large space operation,Visual transparent, easy to operate.

Specially-made precisely-cast aluminum shell improves the anti-static resistance of the balance Jamming capability;

Specifications

Model	RLIFT-BA-W203	RLIFT-BA-W303	RLIFT-BA-W503	RLIFT-BA-W603	RLIFT-BA-W1003	RLIFT-BA-W1203
Max. capacity(g)	200	300	500	600	1000	1200
Sensor	Magnet					
Readability(g)	0.001					
Min weighing(g)	0.004					
Stable Time	≤3s					
Display	LCD（white back light with black font）					
Pan size	Φ80mm					
Operation temp	5-25℃					
Repeat ability	±0.002g					
Linearity	±0.003g					
Draft shield size	240mmx190mmx265mm					
Cal.weight	200g				500g	
Option	RS232C & RS485,Printer					
Packing size	Inside：415x285x430mm Outside：475x315x485mm					
G . weight	10kg					

0.0001g Analytical Balance

CE FDA

BA-W1004 BA-W1204 BA-W2004 BA-W2104 BA-W2204

Description

Aluminum shell Large space wind proof cover

LCD LCD(White back light with black font)

Tare function/Counting/Unit conversion(g/mg/ct/oz)…

Electromagnetic sensor

Sensitivity/Speed set/Percentage

Overload alarm/Fault alarm/Level indicator

Option:Under weighing/Printer

Specifications

Model	BA-W1004	BA-W1204	BA-W2004	BA-W2104	BA-W2204
Max. capacity(g)	100	120	200	210	220
Readability(g)	0.0001				
Min weighing(g)	0.0004				
Stable Time	≤3s				
Display	LCD（white back light with black font）				
Pan size	Φ80mm				
Operation temp	5-25℃				
Repeat ability	±0.0002g				
Linearity	±0.0003g				
Draft shield size	240mmx190mmx265mm				
Cal.weight	100g		200g		
Option	RS232C & RS486,Printer				
Packing size	Inside：415x285x430mm Outside：475x315x485mm				
G . weight	10kg				

Analytical Balances , BA-5A&BA-5B

BA-T30-5A   BA-T50-5A   BA-T80-5A   BA-T110-5A
BA-T120-5A   BA-T160-5A   BA-T180-5A   BA-T200-5A
BA-T30-5B   BA-T50-5B   BA-T80-5B   BA-T110-5B
BA-T120-5B   BA-T160-5B   BA-T180-5B   BA-T200-5B

CE FDA

Description

High-precision electronic balances are widely used in scientific research, education, medical care, metallurgy, agriculture and other industries for measurement, analysis, and teaching. It is a high-precision weighing electronic balance produced by the introduction of foreign advanced technology. The key components are imported products. It has fast weighing speed, high accuracy, good stability, high quality and low price, simple operation and easy maintenance, and can be connected with external equipment such as computers and printers to improve work efficiency.

Advantages

Rear mounted electromagnetic force sensor, three door large windscreen, spacious weighing room. The internationally recognized high sensitivity and high stability rear mounted electromagnetic force sensor technology is adopted to obtain higher resolution.

Fully automatic one-key internal calibration/external calibration technology, automatic timing calibration, automatic temperature change calibration. All-round elimination of errors due to temperature, environment, time, etc., to further optimize the performance of the balance.

Large LCD white backlit display. The display mode can be switched between light and dark environments at will to protect eyesight.

A variety of measurement units and counting weighing methods, unit conversion and data output: grams, carats, ounces, counting, percentage weighing, etc., suitable for different measurements.

With overload / underload alarm, temperature compensation, full range peeling, accumulation / subtraction, bottom hook weighing (optional bottom hook).

Equipped with RS232 output interface, it can be externally configured with computers, printers, etc. to fully meet the needs of laboratory quality analysis.

Specifications	BA-T30-5A	BA-T50-5A	BA-T80-5A		BA-T110-5A	BA-T120-5A	BA-T160-5A	BA-T180-5A	BA-T200-5A
Model	BA-T30-5B	BA-T50-5B	BA-T80-5B		BA-T110-5B	BA-T120-5B	BA-T160-5B	BA-T180-5B	BA-T200-5B
Max.weighing	30g / 200g	50g / 200g	80g / 200g		110g/ 200g	120g/ 200g	160g	180g	200g
Min.reading	0.01mg/0.1mg	0.01mg/0.1mg	0.01mg/0.1mg		0.01mg/0.1mg	0.01mg/0.1mg	0.01mg	0.01mg	0.01mg
Scale size	Φ90mm				Φ90mm				
Weighing chamber size	190*155*210 mm				190*155*210 mm				
Dimension	460*205*280 mm				460*205*280 mm				
Packing size	570*370*450				570*370*450				
Temp.	0℃～45℃				0℃～45℃				
Humidity	20%RH—85%RH				20%RH—85%RH				
Calibration method|(A/B)	A:Fully automatic B:External calibration				A:Fully automatic B:External calibration				
Weight	9.1Kg				9.1Kg				
Display mode	Large LCD display				Large LCD display				
Computer interface	RS232				RS232				
Weighing chamber	Three-door large windscreen				Three-door large windscreen				
Bottom hook/Hydrostatic bracket	Optional (1 type)				Optional (1 type)				
Unit conversion	Gram / carat / pound / ounce				Gram / carat / pound / ounce				
Metering	Count / percent				Count / percent				
Number of keys	6				6				
Function keys	Switch / peeling / auto calibration / function				Switch / peeling / auto calibration / function				
Double packing outer box size	580*400*490 mm				580*400*490 mm				
Double pack weight	12Kg				12Kg				

Semi-Micro Analytical Balance

BMA1265   BMA2285   BMA22105   BMA125 BMA165   BMA205

CE FDA

Reverse Side

Description

Electromagnetic force recovery weighing system

Large graphic display, easy and efficient operation

Recipe database: can store 99 recipes, each recipe contains up to 20 ingredients

Highly integrated load cell

Multiple languages are supported: English, German, French, Italian, Spanish, Portuguese

Record the saved weight value in GLP/ISO format, including date, time, and serial number

Large windshield glass cover, with 3 sliding doors, easy to operate the items to be weighed

Keyboard plastic protection

Specifications

Model	BMA1265	BMA2285	BMA22105	BMA125	BMA165	BMA205
Max. capacity(g)	62g/120g	82g/220g	102g/220g	122g	162g	210g
Readability(mg)	0.01mg/0.1mg			0.01mg		
Min Weighing(mg)	60mg			100mg		
Stable Time	≤6s					
Display	LCD（white back light with black font）					
Pan Size	Φ80mm					
Operation Temp	5-35℃ 20-80% humidity					
Repeatability	0.03mg/0.1mg	0.05mg/0.1mg	0.05mg	0.05mg		
Linearity	±0.08/±0.2mg	±0.1/ ±0.2mg	±0.1mg	±0.1mg		
Draft Shield Size	152mm×160mm×225mm					
Cal.weight	Internal Calibration					
Option	Printer					
Package	345×215×345mm					
G.W./N.W.	8.25kg/5.8kg			8.3kg/5.85kg		
IONISER	Option			Standard		
Language	Italian/English/Portuguese/German/France/Spanish					
Packing Size	510x400x620mm(No pallet)					
Power Supply	110-230V 50/60Hz Out DC 12V 1A					

Moisture Balance

BA-M500

CE FDA

Description

The moisture analyzer can be widely used in all industries that need to quickly measure moisture. It can measure the moisture content of various samples such as solids, granules, powders, colloids and liquids to meet the requirements of laboratory and production processes in various industries. Rapid determination of content.

Features

- The operation interface displays three curves at the same time, including moisture M, weight W, temperature T.
- The display screen adopts a 7-inch capacitive touch screen, which is intuitive, clear and responsive.

- The instrument has its own data storage function, which can store the latest 50 sets of measurement data, which is convenient for viewing historical records.
- The instrument has the communication function, and the standard RS232 communication interface is convenient for printing the results in real time.

- Simple, guided operation, no training required, laboratory or production line personnel can operate independently.
- It has the advantages of fast measurement, convenient operation and reliable data.

- The new measuring system, fast and professional.
- Using a special ring heating light source, the sample is heated more evenly, the drying is more thorough, the penetration ability is stronger, and the measurement is faster.

The instrument has powerful data processing functions, and the standard USB interface can be connected to a computer for operation to realize software analysis of moisture data. The software interface includes measurement curve, sample name, sample weight, test temperature, test time, record query, experimental data record printing, recording and export functions.

The instrument has four test modes, including automatic, timing, manual, and stage measurement. Stage measurement realizes the test of various samples at different temperature stages, and achieves a number of technological breakthroughs in the industry; the diversification of test modes can deal with a variety of samples testing needs.

Imported load cells solve weighing problems such as temperature drift and time drift, and improve measurement accuracy.
The temperature control system adopts imported high-sensitivity temperature control components to ensure the accuracy and controllability of the temperature during the test.

- The instrument has a beautiful appearance, the appearance has patented technology, and the structure is compact.

- Zero consumables in the use process, stainless steel sample plate, reusable, energy saving and environmental protection

- Perfect after-sales service system, timely and quickly solve customer feedback problems.

- Display 12 parameters, including moisture %, solid content %, moisture curve, solid content curve, temperature curve; test duration, constant weight time, measurement mode, set temperature, measurement temperature, initial weight value, final weight value.

Specification

Model	BA-M500
Weighing range	0-220g
Weighing accuracy	0.005g（5mg）
Moisture readability	0.01%
Temperature range	Start -225℃
Moisture measurement range	0.01～100%
Weighing sensor	Imported PW series sensor
Heating light source	Tungsten halogen ring heating light source
Heating mode	Fast
Test mode	Automatic, timed, manual, stage
Timing time range	1-360min (expandable)
Display parameters	Moisture %, solid content %, moisture curve, solid content curve, temperature curve; test duration, constant weight time, measurement mode, set temperature, measurement temperature, initial weight value, final weight value
Display language	English
Data storage	Store the latest 50 sets of measurement data (expandable)
Display curve	Simultaneously display three test curves (including moisture M, weight W, temperature T)
Sample pan dimension	Diameter:100 (mm)
Display	7 inch capacitive touch display
Communication interface	Standard RS232 communication interface and standard USB interface
Optional accessories	Micro printer and computer software
Product dimensions (L*W*H)	390*220*170 mm
Packing dimensions(L*W*H)	475*290*265 mm
Product net weight	3.65 kg
Package weight	5.2 kg

Halogen Moisture Analyzer

**RLIFT-MCA110-10　RLIFT-MCA110-5　RLIFT-MCA110-2
RLIFT-MCA110-1　RLIFT-MCA110-1A**

CE FDA

Product details

Description

📡 Halogen lamp/HBM sensor

🔳 Aluminum shell/Stainless steel chamber

LCD LCD(White back light with black font)

🌡 Temperature/Time set

💧 The percentage of moisture content/dry residual

▦ Store historical set

✓ Option:Aluminum box/Printer/Grinder

Specifications

Model	RLIFT-MCA110-10	RLIFT-MCA110-5	RLIFT-MCA110-2	RLIFT-MCA110-1	RLIFT-MCA110-1A
Max. capacity	110g				
Readability	0.01g	0.005g	0.002g	0.001g	
Operating Temp	5℃-35℃				
Display	LCD(White back light with black font)				LCD HD Back Display
Calibration	External Calibration				
Interface	RS232/RJ45/USB…				
Pan Size	Ø90mm				
Packing Size	490x350x360mm				
Gross Weight	7.5kg				
Heating Source	Halogen Lamp-1				Halogen Lamp-2
Temp.Sensor	PT100				
Temp.Range	40℃-199℃				
Temp.Step	1℃				
Moisture Range	0.00%-100.00%				
Moisture Readability	0.20%	0.10%	0.04%	0.01%	
Dry Range	100.00%-0.00%				
Dry Readability	0.20%	0.10%	0.04%	0.01%	
Temp Setting	40℃-199℃ By 1℃ Step				
Time Setting	1-99min By 10s				
Number Of Storage	15				
Heater	220V ±15% 50HZ/110V±15% 60HZ/400W				
Balance	Input:220V 50HZ/110V 60HZ Output:9V				

ROYLAB

Infrared Moisture Analyzer

0.001g/110g Moisture analyzer

MCA100-IR

CE FDA

CE FDA

MCA110-T

Description

Stainless steel net-cover

Infrared lamp

HBM sensor

Aluminum shell、Stainless steel chamber

LCD(White back light with black font)

Temperature/Time set

Store historical set

Option:Aluminum box/Printer

Moisture regain of textile、
The percentage of moisture regain

Test cotton, yarn, cloth, cashmere,
silk,chemical fibrils...

Specifications

Model	MCA100-IR
Capacity	110g/1mg
Sensor	Load cell
Pan size	Φ90mm
Readability	1mg
Operating Temp.Range	5℃-35℃
Heat Source	Infrared lamp
Temp Sensor	PT-100
Temp Range	40℃-160℃
Temp Step	1℃
Moisture Range	0.00%-100.00%
Moisture Readability	0.0001
Dry Range	100.00%-0.00%
Dry Readability	0.0001
G.Weight	7.5kg
Packing Size	490x360x350mm
Capacity	110g/1mg
Sensor	Load cell
Pan size	Φ90mm
Readability	1mg

Description

Store historical set

Temperature/Time set

Highlight halogen lamp/
HBM sensor

5 inch touch screen/
CH and EN switch

Aluminum shell/
Stainless steel chamber

Real-time dynamic curve/
date and time

The percentage of moisture
content/dry residual

Option: Aluminum box/
Printer/Grinder

Specifications

Model	MCA110-T
Capacity	110g
Readability	0.001g
Operating Temp	5℃-35℃
Display	5 inch Touch Screen
Calibration	External Calibration
Interface	RS232/RJ45/USB...
Pan Size	Ø90mm
Packing Size	490x350x360mm
Gross Weight	7.5kg
Heating Source	Halogen Lamp-2
Temp. Sensor	PT100
Temp. Range	40℃-199℃
Temp. Step	1℃
Moisture Range	0.00%-100.00%
Moisture Readability	0.0001
Dry Range	100.00%-0.00%
Dry Readability	0.0001
Temp Setting	40℃-199℃ By 1℃ Step
Time Setting	1-99min By 10s
Number of Storage	20
Number of History	20
Heater	220V ±15% 50Hz/110V±15% 60Hz/400W
Balance	Input: 220V 50Hz/110V 60Hz Output:9V

0.01g Precision Balance

RLIFT-BP-112-2C   RLIFT-BP-212-2C   RLIFT-BP-312-2C
RLIFT-BP-512-2C   RLIFT-BP-612-2C   RLIFT-BP-1102-2C
RLIFT-BP-2102-2C   RLIFT-BP-3102-2C

CE FDA
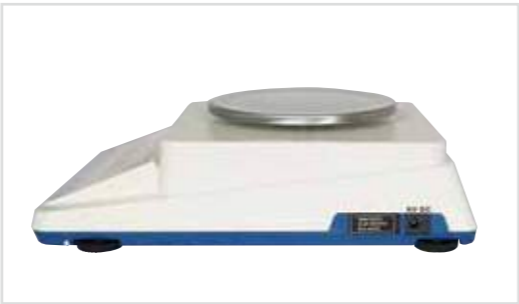
Description

LCD LCD/AC and DC power supply

Tare function/Counting/Unit conversion (g/ct/oz)…

Min weighing set

Overload alarm/Level indicator

Option:Dual display/Interface/Printer/Windproof/Dust cover

Specifications

Model	RLIFT-BP-112-2C	RLIFT-BP-212-2C	RLIFT-BP-312-2C	RLIFT-BP-512-2C	RLIFT-BP-612-2C	RLIFT-BP-1102-2C	RLIFT-BP-2102-2C	RLIFT-BP-3102-2C
Max. capacity(g)	110	210	310g	510	610	1100	2100	3100
Cal.weight	100	200	200	200	200	500	Optional	Optional
Readability(g)	0.01				0.01			
Repeat ability(g)	0.01				0.01			
Linearity(g)	0.01				0.01			
Stable Time	≤3s				≤3s			
Pan Size	Φ130mm、160*160mm				Φ130mm、160*160mm			
Operation temp	5-25℃				5-25℃			
Option	Printer,Draft shield,RS232,Weight				Printer,Draft shield,RS232,Weight			
Outline size	270x195x85mm				270x195x85mm			
Unit set Packing Size	310x230x130mm				310x230x130mm			
Ten Packing Size	660x470x320mm				660x470x320mm			
N.weight	Unit set 2.5kg/Ten 25kg				Unit set 2.5kg/Ten 25kg			
G.weight	Unit set 3kg/Ten30kg				Unit set 3kg/Ten30kg			

0.01g Precision Balance

BP-3002-C   BP-4002-C   BP-5002-C

CE FDA

Description

LCD LCD

Tare function/Counting

Overload alarm/Level indicator

Option:Interface/Printer

Large range and high precision/Aluminum shell

Specifications

Model	BP-3002-C	BP-4002-C	BP-5002-C
Max. capacity(g)	3000g	4000g	5000g
Readability(g)	0.01		
Min weighing(g)	0.04		
Stable Time	≤4s		
Display	LCD/LED Optional		
Pan size	180x180mm		
Operation temp	5-25℃		
Repeat ability	0.03g		
Linearity	0.02g		
Cal.weight	2000g（Optional）		
Option	RS232C & RS485,Printer,USB		
N . weight	5kg		
Packing size	41.5*27*18cm		

CE FDA

Hydrostatic Balance

HB-2K   HB-3K   HB-5K

Description

LCD LED(Green)

Tare function/Counting

Overload alarm

Option:Interface/Printer

Metal base、Large size stainless steel plates

Used for highway and textile industry

Specifications

Model	HB-2K	HB-3K	HB-5K
Max. capacity(g)	2100	3100	5100
Readability(g)	0.1		
Min weighing(g)	0.4		
Stable Time	≤2s		
Display	LED（white back light with black font）		
Bracket size	310*300*350mm		
Bucket size	Φ200*220mm		
Basket size	Φ140*150mm		
Pan size	160*160mm		
Operation temp	5-25℃		
Repeat ability	0.2g		
Linearity	0.3g		
Cal.weight	2000g	2000g	2000g
Option	RS232C & RS485、Printer、Draft shield		
Packing Size	485*340*350mm		
G.weight	5kg		

0.1g Precision Balance

0.1g Precision Balance

RLIFT-BP-2K-BF   RLIFT-BP-3K-BF   RLIFT-BP-5K-BF   RLIFT-BP-10K-BF   CE FDA

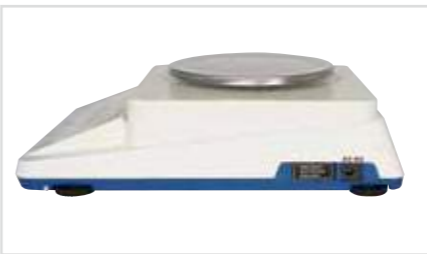CE FDA   **BP-300-B   BP-600-B   BP-1K-B   BP-2K-B**
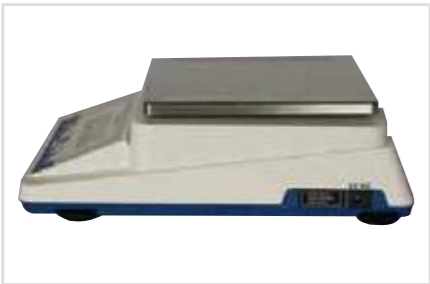
Description

- Fashional appearance
- Min weighing set
- AC and DC power supply
- Large size stainless steel pan
- LCD(White back light with black font)
- Tare function/Counting/ Unit conversion(g/ct/oz)…
- Overload alarm/Level indicator
- Option:Dual display/ Interface/Printer/Dust cover

Specifications

Model	RLIFT-BP -2K-BF	RLIFT-BP -3K-BF	RLIFT-BP -5K-BF	RLIFT-BP -10K-BF
Capacity(g)	2100	3100	5100	11000
Readability(g)	0.1			
Repeat ability(g)	0.1			
Linearity(g)	0.1			
Min weighing(g)	0.1			
Stable Time	≤3S			
Pan Size	160x160mm OR 180*180mm			
Operation temp	5-25℃			
Option	Printer,Draft shield,RS232,Weight			
Outline size	270x195x85mm			
Unit set Packing Size	310x230x130mm			
Ten Packing Size	660x470x320mm			
Net weight	Unit set 2.5kg/Ten sets 25kg			
G.weight	Unit set 3kg/Ten sets 30kg			

Description

- Min weighing set
- Fashional appearance
- AC and DC power supply
- LCD(White back light with black font)
- Tare function/Counting/ Unit conversion(g/ct/oz)
- Overload alarm/ Level indicator
- Option:Dual display/ Interface/Printer/Dust cover

Specifications

Model	BP-300-B	BP-600-B	BP-1K-B	BP-2K-B
Capacity(g)	310	610	1100	2100
Readability(g)	0.1			
Repeat ability(g)	0.2			
Linearity(g)	0.3			
Min weighing(g)	0.1			
Stable Time	≤3s			
Pan Size	Φ130mm			
Operation temp	5-25℃			
Option	Printer,Draft shield,RS232,Weight			
Outline size	270x195x85mm			
Unit set Packing Size	310x230x130mm			
Ten Packing Size	660x470x320mm			
N.weight	Unit set 2.5kg/Ten sets 25kg			
G.weight	Unit set 3kg/Ten sets 30kg			

0.1g/1g Balance Scale

BSP-10MTA **BSP-30MTA** **BSP-10MTB**
BSP-15MTB **BSP-20MTB** **BSP-30MTB**

CE FDA

Description

Design, utility model patents

Large range and high precision

Stainless steel large size scale

AC and DC dual use

Adjustable date and time

Full range peeling and counting

Check weight, percentage, density

Net gross weight, sum

Unit conversion: G\CT\OZ

Overload alarm

Link to PC\ Thermal Printer

Optional adhesive label printer

U disk import and export

Within 10KG with internal calibration

Expansion function: downhanging weighing, external display

Specifications

Model	BSP-10MTA	BSP-30MTA	BSP-10MTB	BSP-15MTB	BSP-20MTB	BSP-30MTB
Max. capacity(kg)	10kg	30kg	10kg	15kg	20kg	30kg
Readability(g)	1g		0.1g			
Operating Temp	5℃ ~ 35℃					
Linearity	±3d					
Repeatability Dev	±3d					
Weighing Time	≤2s					
Sensitivity Drift	±3d					
Corner	±3d					
Weighing Units	g, oz, ct...					
Pan Size	305*230mm					
Key Name	Touch Screen					
Host Dimension	395*118*320mm					
Packing Size	415*165*430mm					
Display	7 Inch Touch Screen (/LCD)					
Interface	RS232/RJ45/USB...					
In/output	excel, (USB)					
Calibration	Internal Calibration (Option)	External Calibration	Internal Calibration (Option)	External Calibration		
Function expansion	Under weighing / Remote Display...					
Printer	Label printing, label format, content setting, etc.					
Weighing Mode	Counting/Check Weighing/Percentage/Density					
Machine	Input: 220V 50HZ/110V 60HZ					
	Output:12V					
Battery	6V/4Ah Rechargeable Battery					

Water-proof Balance Scale

RLIFT-BS-WP31   RLIFT-BS-WP35   RLIFT-BS-WP61
RLIFT-BS-WP71   RLIFT-BS-WP15K5   RLIFT-BS-WP30K5

CE FDA

Product details

Specifications

Model	RLIFT-BS-WP31	RLIFT-BS-WP35	RLIFT-BS-WP61	RLIFT-BS-WP71	RLIFT-BS-WP15K5	RLIFT-BS-WP30K5
Max. capacity(g)	3kg	3kg	6kg	7.5kg	15kg	30kg
Readability(g)	0.1g	0.5g	1g	1g	5g	5g
Min weighing(g)	4d					
Stable Time	≤0.5s					
Pan size	190x235mm					
Operation temp	-20-40℃					
Repeat ability	2d					
Linearity	3d					
Cal.weight	1kg	1kg	2kg	2.5kg	5kg	10kg
Option	Calibration weight					
Packing Size	Inside:345x325x195mm Outside:685x365x425mm					
G.weight	5kg/20kg					

Description

Full waterproof design、Quakeproof

IP68/CE/RoHS/LFGB certification

Full wash body, easy to clean

Speed weight, speed stability

Overload alarm

Stainless steel plate/load-bearing bracket

LCD LED digital display/Double display

Waterproof and sealing glue mainboard、keypad display、sleeve sensor

Tare function/Counting

Check weighing

Unit conversion (g/kg/lb)…

AC and DC power supply

Long battery life

Optional power saving mode

Appearance design and utility model、Access to patents

0.01g Balance Scale

RLIFT-BSP-3MTC   RLIFT-BSP-4MTC   RLIFT-BSP-5MTC

CE FDA

Description

Design, utility model patents,	Unit conversion: G\CT\OZ
Large range and high precision	Overload alarm
Stainless steel large size scale	Link to PC\ Thermal Printer
AC and DC dual use	Optional adhesive label printer
Adjustable date and time	U disk import and export
Full range peeling and counting	Within 10KG with internal calibration
Check weight, percentage, density	Expansion function: downhanging weighing, external display
Net gross weight, sum	

Specifications

Model	RLIFT-BSP-3MTC	RLIFT-BSP-4MTC	RLIFT-BSP-5MTC
Max. capacity(g)	3000	4000	5000
Sensor	Load Cell		
Min Weighing(g)	0.01		
Stable time	≤3S		
Display	7 inch touch screen		
Pan size	305×230mm		
Operation temp	5-25℃		
Repeat ability	±3d		
Linearity	±3d		
Display	7 Inch Touch Screen（LCD）		
Interface	RS232/RJ45/USB…		
In/output	Data output：excel，Parameters of the import（USB）		
Internal Calibration	Internal Calibration （Option）		
Weighing Mode	Counting、Checking、Percentage、Density		
Function expansion	Internal Calibration/ Under weighing / Remote Display…		
Printer	Label printing, label format, content setting, etc.		
Host Dimension	395X118X320mm		
Packing Size	415×165×430mm		
Weighing	Input: 220V 50HZ/110V 60HZ		
	Output:12V		
Machine	Input: 220V 50HZ/110V 60HZ		
	Output:12V		
Battery	6V/4Ah Rechargeable Battery		

Balance Scale

BSP-3K1   BSP-6K5   BSP-10K10

CE FDA

Specifications

Model	BSP-3K1	BSP-6K5	BSP-10K10
Max. capacity(g)	3000	6000	10000
Readability(g)	0.1	0.5	1
Min weighing(g)	4d		
Stable Time	≤2s		
Pan size	152 x152 mm		
Dimension	228 x160 x 43mm		
Auto Power Off	60 s		
Weighing Units	g, oz，TL，lb,		
Repeat ability	± 5d		
Linearity	± 5d		
Packing Size	Inside:270x210x65mm Outside:560x410x425mm		
G.weight	0.75 / 18kg		
Power Supplier	2×AA（7#）dry cell		
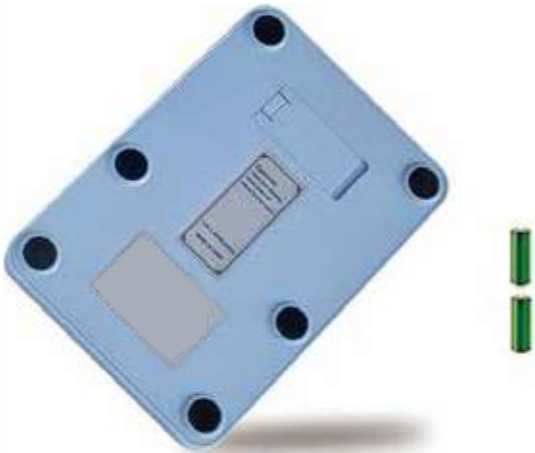
LCD display

Stainless Steel Weighing Pan（Both side can be used)

USB charging port（No adapter)

Units conversion: g /oz /ct /tl

Balance Scale

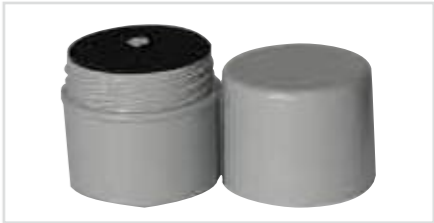**BSP-10MA   BSP-15MA   BSP-20MA   BSP-30MA   BSP-5MB**
BSP-10MB   BSP-15MB   BSP-20MB   BSP-28MB

CE FDA

Description

Large range and high precision

Fashional appearance

LCD（White back light with black font）

Tare function/Counting/
Unit conversion(g/ct/oz)Option lb

Overload alarm/Level indicator

Option:Interface/Printer

AC and DC power supply

Large size stainless steel pan

Specifications

Model	BSP-10MA	BSP-15MA	BSP-20MA	BSP-30MA	BSP-5MB	BSP-10MB	BSP-15MB	BSP-20MB	BSP-28MB
Max. capacity	11kg	16kg	21kg	31kg	5.5kg	11kg	16kg	21kg	28kg
Sensor	Load Cell				Load Cell				
Readability(g)	1				0.1				
Min Weighing(g)	4				0.4				
Stable time	≤2S				≤2S				
Display	LCD（white back light with black font）				LCD（white back light with black font）				
Pan size	315×230mm				315×230mm				
Operation temp	5-25℃				5-25℃				
Repeat ability	±2g				±0.2g				
Linearity	±3g				±0.3g				
Draft shield size	240mm×190mm×265mm				240mm×190mm×265mm				
Option	RS232C&RS486,Printer				RS232C&RS486,Printer				
Packing size	Unit set Inside：410×165×400mm Four sets Outside：800×420×420mm				Unit set Inside：410×165×400mm Four sets Outside：800×420×420mm				
G.weight	4/16kg				4/16kg				

ROYLAB

Balance Scale

RLIFT-BSP-60E **RLIFT-BSP-100E** **RLIFT-BSP-150E**
RLIFT-BSP-200E **RLIFT-BSP-300E** **RLIFT-BSP-500E**
RLIFT-BSP-60F **RLIFT-BSP-100F** **RLIFT-BSP-150F**

CE FDA

Description

- Large range and high precision
- Spray steel scale frame
- LED(Red)
- AC and DC power supply
- Overload alarm/Undervoltage alarm/Level indicator
- Option:Interface/Printer
- Tare function/Counting/Unit conversion (kg/lb)
- Large size stainless steel table

Specifications

Model	RLIFT-BSP-60E	RLIFT-BSP-100E	RLIFT-BSP-150E	RLIFT-BSP-200E	RLIFT-BSP-300E	RLIFT-BSP-500E	RLIFT-BSP-60F	RLIFT-BSP-100F	RLIFT-BSP-150F
Capacity	61kg	110kg	160kg	210kg	310kg	510kg	61kg	110kg	160kg
Sensor	Load Cell				Load Cell				
Readability(g)	10				50	1			
Min Weighing(g)	50				250	5			
Stable time	≤2S				≤2S				
Display	LED				LED				
Pan size	410×510mm/600x800mm				410×510mm/600x800mm				
Operation temp	5-25℃				5-25℃				
Repeat ability	±20g				±100g	±2g			
Linearity	±30g				±150g	±3g			
Option	RS232C&RS486,Printer				RS232C&RS486,Printer				
Packing size	420x170x850				420x170x850				
G.weight	14kg				14kg				

ROYLAB

Balance Scale

BA-W2BF

CE FDA

Features

It has a variety of unit conversion, counting, percentage, RS232, dynamic weighing, AC and DC, memory,etc.

High accuracy weighing, fast speed and stable for the operation.

Indicator can be apart from weighing plate. Indicator connection wire: 11.8"-59" (300-1500 mm can be selected according to your needs.)

Units: kg, g, oz, lb.

Specification

Model	BA-W2BF
Capacity	10kg
Readability	1g
Repeatability	2g
Linearity	+/-2g at max capacity
Stable Time	< 0.5s
Sensitivity	1g
Tare	0-max.
Speed	2~2.5s
Weighing Plate	Big square, 25*35cm, SST 304 plate
Material	ABS shell, stainless steel, aluminum sensor
Display	LCD(L*W) 4.3"*1.2" (110*30 mm)
Indicator Dimension (L*H)	10.2"*12.6" (260*320 mm)
Load Cell Dimension	5.2"*0.9"*1.2" (131*23*31 mm)
External Dimension(L*W*H)	320*300*350mm
Shipping Dimension(L*W*H)	380*220*350mm
N.W./G.W.	6/7kg

Description

● It is a kind of intelligence digital electronic balance which adopts high-stable load cell and high precision modulus convert IC system (AD), and integrated with single chip microcomputer.It is widely used in industry, agriculture, trade, schools and other fields for fast measurement of quality and quantity.