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Electronic Balance Selection Guide

The passion for science



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Headquarter based in Denver,US.,INNOVA BIOMED INSTRUMENTS INC is one of the professional global providers of laboratory and biopharma devices. Firmly committed to our mission of "sharing innovative bio-meditech solutions with the world", we are dedicated to innovation in the fields of Biology Project, Life Science, Pharmacy Industry and Medical Treatment.

Along with a sister company Qingdao Innova Bio-Meditech,we have built up a well established R&D, manufacture network with 3 centers in Qingdao, Beijing, and Shanghai. Inspired by the needs of our customers, we adopt advanced technologies and transform them into accessible innovation. This means constant effort and research, in order to more fully understand the developments of the market, produce constantly upgraded product ranges by adding new products year after year.



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(0.01mg/0.1mg/1mg)

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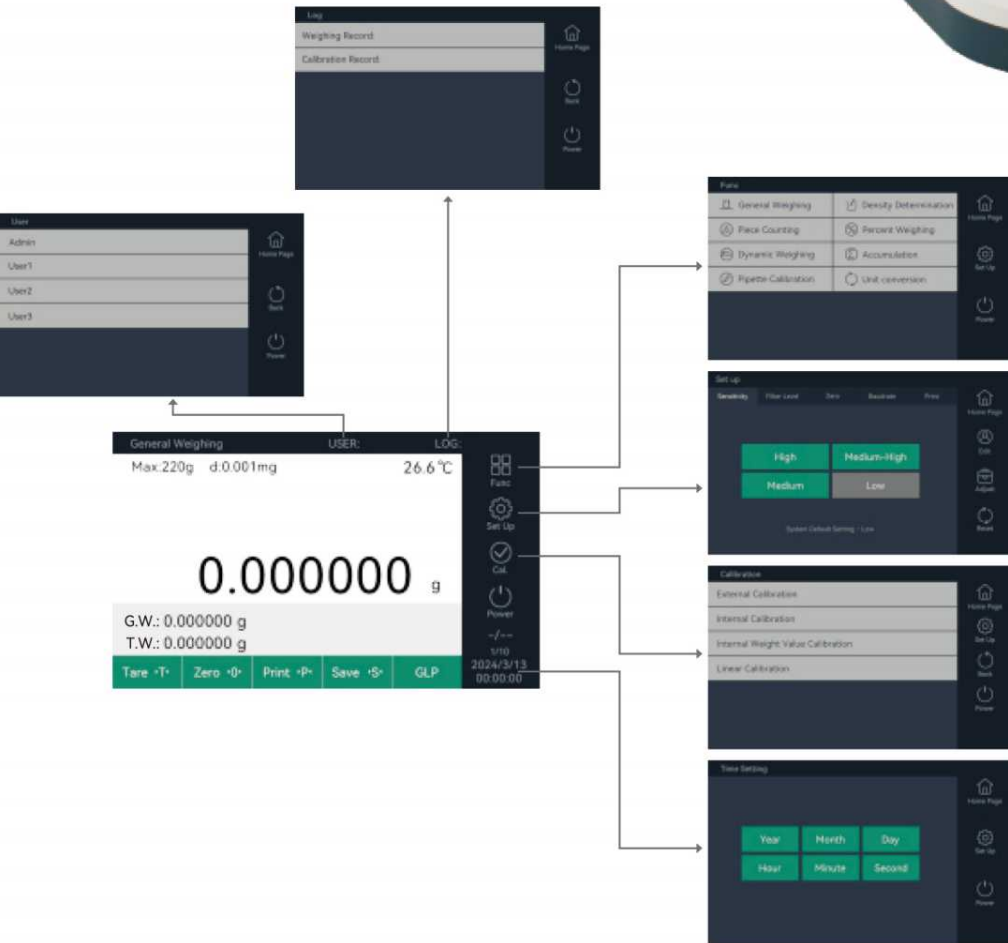
**Electronic
Analytical Balance**
(0.01mg/0.1mg/1mg)

ICEB Series Micro Balance



Enhanced user experience with new premium features including.

- Easy access to menu option with a large, 7-inch, high resolution full-touch graphic display with modern upgraded user interface.
- Multiple and Convenient applications makes the weighing more efficient.
- Seamless connectivity features include interface options, easy data transfer, and GLP | GMP compliant printout

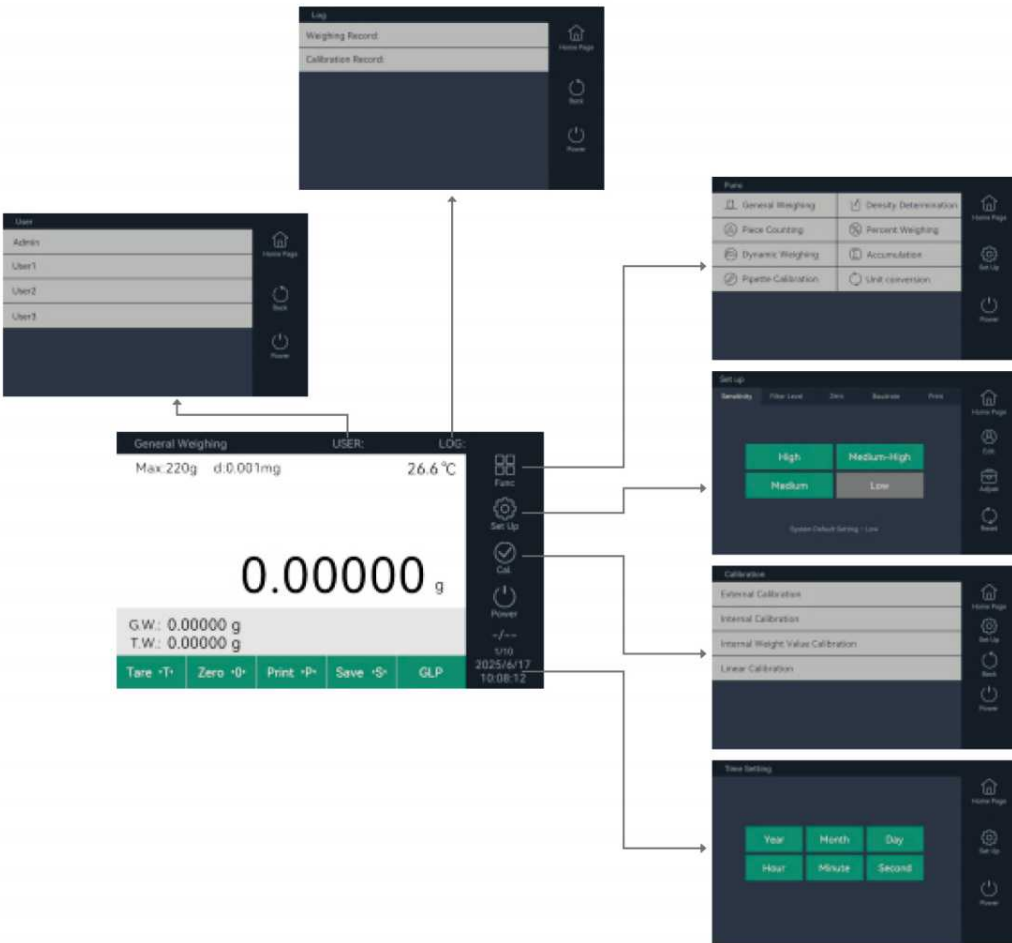


ICEB series micro balance specification

Model	ICEB3C	ICEB6C
Capacity	31g/3.1g	31g/6.1g
Readability	0.01mg/0.001mg	0.01mg/0.001mg
Repeatability	±0.02mg/±0.005mg	±0.02mg/±0.006mg
Linearity	±0.02mg/±0.003mg	±0.02mg/±0.005mg
Sensitivity drift	±3 ppm/°C	±3 ppm/°C
Stabilization Time	≤5s	≤5s
Accuracy Class	I	I
Operating environment	18-23°	18-23°
Product Size(Display unit)	262x202x60mm	262x202x60mm
Product Size(Weighing unit + breeze break unit)	325x138x107mm	325x138x107mm
Net Weight(Display unit+ Weighing unit + breeze break unit)	4680g	4680g
Displayer	7" LCD Color Touch Screen	7" LCD Color Touch Screen
Unit	g, mg	g, mg
PC/Printer Function	Yes	Yes
Communication interface	RS232, USB-b	RS232, USB-b
Plate Size	Φ40mm	Φ40mm
Plate Material	304SS	304SS
Volt	AC110-220V	AC110-220V
Frequency	50-60Hz	50-60Hz
Power	10W	10W



Touch Screen Display ICEB Series



Advantages

- Electromagnetic force sensor
- Super bright detachable displayer
- Multi-unit weighing function, customizable units
- RS232 and USB bidirectional interface
- Glass windshield-antistatic material
- Fast sensitivity setting
- Below weighing system
- Time display
- The weighing results can be exported to Excel
- Built-in auto calibration system (Internal calibration model)
- Built-in stand-alone dual program (0.1mg)

Weighing function

- Basic weighing
- Dynamic weighing
- Piece counting
- Percent weighing
- Density determination
- Σ weighing function
- Pipette calibration function
- GMP/GLP (Touch screen)



ICEB series 0.1mg specification

IEX-Cal Model	ICEB124	ICEB224	ICEB324	ICEB424	ICEB524
IIN-Cal Model	ICEB124N	ICEB224N	ICEB324N	ICEB424N	ICEB524N
IIN-Cal T-Screen	ICEB124C	ICEB224C	ICEB324C	ICEB424C	ICEB524C
Capacity	0-120g	0-220g	0-320g	0-420g	0-520g
Readability			0.1mg		
Stable time	1.5s		2s		
Preheating			30-60mins		
Weighing Units			g/oz/ct/mg		
Min Weight			10mg		
Repeatability	±0.1mg		±0.2mg		
Linearity	±0.2mg		±0.3mg		
Interface			RS232/USB		
Pan Size			Φ90mm		
Packing Size	Inner carton:43x32x41.5cm		Master carton:49x38x48.5cm		
N.W.			6280g		
Power			AC110V-240V		



ICEB series 0.01mg specification

IEX-Cal Model	ICEB1035	ICEB1055	ICEB1085	ICEB2035	ICEB2055	ICEB2085	ICEB105	ICEB125	ICEB225
IIN-Cal Model	ICEB1035N	ICEB1055N	ICEB1085N	ICEB2035N	ICEB2055N	ICEB2085N	ICEB105N	ICEB125N	ICEB225N
IIN-Cal T-Screen	ICEB1035C	ICEB1055C	ICEB1085C	ICEB2035C	ICEB2055C	ICEB2085C	ICEB105C	ICEB125C	ICEB225C
Capacity	120g/31g	120g/51g	120g/81g	220g/31g	220g/51g	220g/81g	100g	120g	220g
Readability	0.1mg/0.01mg						0.01mg		
Stable Time	2s/3s						3s		
Preheating	30-60mins						30-60mins		
Weighing Units	g/oz/ct/mg						g/oz/ct/mg		
Min Weight	10mg/1mg						1mg		
Repeatability	±0.1mg/±0.03mg						±0.03mg		
Linearity	±0.2mg/±0.05mg						±0.05mg		
Interface	RS232/USB								
Pan Size	Φ90mm								
Packing Size	Inner carton:43x32x41.5cm Master carton:49x38x48.5cm								
N.W.	6280g								
Power	AC110V-240V								

ICEB series 1mg specification

IEX-Cal Model	ICEB503	ICEB603	ICEB1003	ICEB2003	ICEB3003
IIN-Cal Model	ICEB503N	ICEB603N	ICEB1003N		
IIN-Cal T-Screen	ICEB503C	ICEB603C	ICEB1003C		
Capacity	0-520g	0-620g	0-1000g	0-2000g	0-3000g
Readability	1mg				
Stable Time	2s				
Preheating	30-60mins				
Weighing Units	g/oz/ct/mg				
Min Weight	20mg				
Repeatability	±1mg				
Linearity	±2mg				
Interface	RS232/USB				
Pan Size	Φ90mm				
Packing Size	Inner carton:43x32x41.5cm Master carton:49x38x48.5cm				
N.W.	6280g				
Power	AC110V-240V				



IBE
Series

Electronic Balance
(0.01mg/0.1mg/1mg/0.01g)

Advantages

- Electromagnetic force sensor
- 4.3”Touch screen displayer
- Multi-unit weighing function,customizable units
- RS232 and USB bidirectional interface
- Glass windshield-antistatic material
- Fast sensitivity setting
- Below weighing system
- Time display
- Build-in Temperature sensor
- GLP/GMP

Weighing Function

- Basic weighing
- Dynamic weighing
- Piece counting
- Percent weighing
- Density determination
- Σ weighing function

IBE series 0.01mg specification

External Cal.	IBE1035	IBE1055	IBE1085	IBE2035	IBE2055	IBE2085
Internal Cal.	IBE1035N	IBE1055N	IBE1085N	IBE2035N	IBE2055N	IBE2085N
Capacity	120g/31g	120g/51g	120g/81g	220g/31g	220g/51g	220g/81g
Readability	0.1mg/0.01mg					
Stable time	2s/3s					
Preheating	30-60Min					
Units	g/oz/ct/mg					
Min weight	10mg/1mg					
Repeatability	±0.1mg/±0.03mg					
Linearity	±0.2mg/±0.05mg					
Output	RS232/USB option					
Pan size	Φ90mm					
Product size	33x21.5x34.5cm					
N.W.	5500g					
Power	AC110V-240V 50-60HZ					



IBE series 0.1mg specification

External Cal.	IBE124	IBE224	IBE324	IBE424	IBE524
Internal Cal.	IBE124N	IBE224N	IBE324N	IBE424N	IBE524N
Capacity	0-120g	0-220g	0-320g	0-420g	0-520g
Readability			0.1mg		
Stable time	1.5s			2s	
Preheating			30-60Min		
Units			g/oz/ct/mg		
Min weight			10mg		
Repeatability	±0.1mg			±0.2mg	
Linearity	±0.2mg			±0.3mg	
Output	RS232/USB option				
Pan size	Φ90mm				
Product size	33x21.5x34.5cm				
N.W.	5500g				
Power	AC110V-240V 50-60HZ				

IBE series 1mg specification

External Cal.	IBE123	IBE223	IBE323	IBE523	IBE1003
Internal Cal.	IBE123N	IBE223N	IBE323N	IBE523N	IBE1003N
Capacity	0-120g	0-220g	0-320g	0-520g	0-1000g
Readability	1mg				
Stable time	<3S				
Preheating	30-60Min				
Units	g/oz/ct/mg				
Min weight	20mg				
Repeatability	±0.002g				
Linearity	±0.002g				
Output	RS232/USB option				
Pan size	Φ90mm				
Product size	33x21.5x34.5cm				
N.W.	5500g				
Power	AC110V-240V 50-60HZ				

IBE series 0.01g specification

External Cal.	IBE1002	IBE2002	IBE3002	IBE4002	IBE5002	IBE6002
Capacity	0-1000g	0-2000g	0-3000g	0-4000g	0-5000g	0-6000g
Readability				0.01g		
Stable time				2S		
Preheating				30-60Min		
Units				g/oz/ct/mg		
Min weight	0.2g			0.5g		
Repeatability				±0.02g		
Linearity				±0.02g		
Output				RS232/USB option		
Pan size				170x170cm		
Product size				33x21.5x10.5cm		
N.W.				5000g		
Power				AC110V-240V	50-60HZ	



IFA-X

Series

Electronic Balance

(0.1mg/1mg)



Electromagnetic force load cell, the design accuracy reaches 0.01mg, and cover the accuracy 0.1mg and 1mg. This series have reached the accuracy of high-capacity weighing and micro weighing, it’s excellent stability and sensitivity, can compare favorably with international brand.

Main features

- Electromagnetic loadcell
- Supper bright LCD display
- Multi unit conversion, customized
- Antistatic glass windshield
- Dynamic weighing
- Automatic density value calculating
- RS232C interface (USB optional)
- Automatic calibration (FA-XN)
- Time display
- Double capacity weighing (0.01mg)
- Below weighing facility (Optional)



IFA-X series 0.1mg specification(“N” for internal calibration)

Model No.	IFA1004X	IFA1204X	IFA2004X	IFA2204X	IFA3004X	IFA3204X	IFA4004X	IFA4204X	IFA5004X	IFA5204X	IFA6004X	IFA1003X	IFA2003X	IFA3003X	IFA5003X	IFA6003X	IFA10003X	IFA20003X	
	IFA1004XN	IFA1204XN	IFA2004XN	IFA2204XN	IFA3004XN	IFA3204XN	IFA4004XN	IFA4204XN	IFA5004XN	IFA5204XN	IFA6004XN	IFA1003XN	IFA2003XN	IFA3003XN	IFA5003XN	IFA6003XN	IFA10003XN		
Capacity	0-100g	0-120g	0-200g	0-220g	0-300g	0-320g	0-400g	0-420g	0-500g	0-520g	0-600g	0-100g	0-200g	0-300g	0-500g	0-600g	0-1000g	0-2000g	
Readability	0.1mg											1mg							
Stable Time	2s											1s							3s
Preheating	30-60min											30-60min							
Weighing Units	g/oz/ct/mg/customized											g/oz/ct/mg/customized							
Repeatability	±0.1mg				±0.2mg							±1mg							±2mg
Linearity	±0.2mg				±0.3mg							±2mg							±3mg
Interface	RS232C/USB (Optional)											RS232C/USB (Optional)							
Pan Size	Φ90mm											Φ90mm/110mm							
Product Size	35x21.2x32cm											35x21.2x32cm							
Packing Size	42x36x42cm											42x36x42cm							
N.W.	5500g											5500g							
G.W.	7500g											7500g							
Power	AC110-240V											AC110-240V							

IFA-X series 1mg specification(“N” for internal calibration)



Electromagnetic force loadcell, 5.0” full color touch screen, operation is simpler and more intuitive, display is more clear. It provide higher efficiency while meeting weighing demands.

Main features

- 5.0 inch full color touch screen
- Automatic fault detection, overload protection
- Unit conversion, counting, percentage, etc.
- Below weighing facility (Optional)
- Multi-environmental modes and display modes
- RS232C interface (USB interface is optional)
- Internal calibration (IFA-CN series)
- Automatic density value calculating (Density kit optional)

Electronic Balance

(0.1mg)

IFA-XC

Series



IFA-XC series 0.1mg specification (“N” for internal calibration)

Model No.	IFA1004XC	IFA1204XC	IFA2004XC	IFA2204XC	IFA3004XC	IFA3204XC
	IFA1004XCN	IFA1204XCN	IFA2004XCN	IFA2204XCN	IFA3004XCN	IFA3204XCN
Capacity	0-100g	0-120g	0-200g	0-220g	0-300g	0-320g
Readability	0.1mg					
Repeatability(≤)	±0.2mg					
Linearity(≤)	±0.3mg					
Interface	RS232C/USB(Optional)					
Pan Size	Φ90mm					
Product Size	35x21.2x32cm					
Packing Size	45x33x41cm					
N.W.	5500g					
G.W.	7500g					
Power	AC110-240V					

IEA
Series

Electronic Balance
(0.1mg/1mg)



- Advantages
- Electromagnetic Loadcell
 - Ultra High Definition LCD
 - Multi Unit Conversion
 - RS232 Bidirectional Interface
 - Internal Calibration
 - Quick Sensitivity Setting
 - Anti-Static Glass Windshield



IEA series 1mg/0.1mg specification

External Cal.	IEA123	IEA223	IEA323	IEA523	IEA1003	IEA124	IEA224	IEA324
Internal Cal.	IEA123N	IEA223N	IEA323N	IEA523N	IEA1003N	IEA124N	IEA224N	IEA324N
Accuracy Class	II	II	II	II	II	I	I	I
Max Capacity	120g	220g	320g	520g	1000g	120g	220g	320g
Readability			0.001g				0.0001g	
Repeatability			±0.001g				±0.0002g	
Linearity			±0.002g				±0.0003g	
Stable Time				≤3s				
Operation Temperature				15°C~30°C Fluctuation≤2°C/h				
Relative Humidity				40%~80%				
Units				g/ct/oz/mg				
Scale Pan Size				Φ90mm				
Product Size				320x210x320mm				
Windshield Size				225x190x265mm				
Gross Weight				7.2kg				
Power				Input 220V 50Hz Output DC9V-2A				



Electronic
Precision Balance

(1mg/0.01g/0.1g)

IJT-B/D Series

Electronic Balance

(1mg)



High precision strain gauge loadcell, skip the tedious operation process. Focus on to develop the accuracy of stain gauge. It is suitable for industrial, agricultural, commercial, school, scientific research institutions and make quick test to quality and quantity of the object.

Main features

- Aluminum shell, anti-interference and corrosion resistance
- LED/LCD display
- Automatic fault detection, overload protection
- Tare function, glass windshield
- Below weighing facility (Optional)
- RS232C /USB (Optional) interface (JT-D)
- Unit conversion/counting (JT-D)



IJT-B/D Series **1mg** specification

Model No.	IJT1003B	IJT2003B	IJT3003B
	IJT1003D	IJT2003D	IJT3003D
Capacity	0-100g	0-200g	0-300g
Readability	1mg		
Repeatability(≤)	±1mg		
Linearity(≤)	±2mg		
Pan Size	Φ90mm		
Product Size	29x18.5x27cm		
Packing Size	35.5x26.5x35cm		
N.W.	3000g		
G.W.	3800g		
Power	AC110-240V		



High precision strain gauge loadcell, skip the tedious operation process. Dual interface , dual display optional, provide more intelligent applications in the field of strain gauges, and provide customers with good cost performance and convenient use experience.

Main features

- High contrast LCD display
- Big size stainless steel scale pan
- Glass windshield
- Automatic fault detection, overload protection
- Unit conversion, counting, percentage, etc.
- Tare function
- RS232C interface (Option USB interface)
- Below weighing facility (Optional)
- Dual display (Optional)
- 4 x AA battery (Optional)



ITF series **1mg** specification(“S” for dual display model)

Model No.	ITF1003	ITF2003	ITF3003	ITF5003
	ITF1003S	ITF2003S	ITF3003S	ITF5003S
Capacity	0-100g	0-200g	0-300g	0-500g
Readability	1mg			
Repeatability(≤)	±2mg			
Linearity(≤)	±2mg			
Interface	RS232C/USB(Optional)			
Pan Size	Φ90mm			
Product Size	32x19.5x28cm			
Packing Size	37.5x25.5x34cm			
N.W.	2600g			
G.W.	3500g			
Power	110V/220-240V AC			



ITF
Series

Electronic Balance
(1mg/0.01g/0.1g)



ITF series **0.01g** specification

Model No.	ITF2002	ITF3002	ITF5002	ITF6002	ITF10002	ITF20002	ITF30002	ITF50002
	ITF2002S	ITF3002S	ITF5002S	ITF6002S	ITF10002S	ITF20002S	ITF30002S	ITF50002S
Capacity	0-200g	0-300g	0-500g	0-600g	0-1000g	0-2000g	0-3000g	0-5000g
Readability	0.01g							
Repeatability(≤)	±0.02g							
Linearity(≤)	±0.02g							
Interface	RS232C/USB(Optional)							
Pan Size	170x170mm							
Product Size	32x19.5x7cm							
Packing Size	24.4x12.1x39.5cm							
N.W.	1200g							
G.W.	1500g							
Power	110V/220-240V AC							



ITF series **0.1g** specification

Model No.	ITF2001	ITF6001	ITF10001	ITF15001	ITF20001	ITF30001	ITF50001
	ITF2001S	ITF6001S	ITF10001S	ITF15001S	ITF20001S	ITF30001S	ITF50001S
Capacity	0-200g	0-600g	0-1000g	0-1500g	0-2000g	0-3000g	0-5000g
Readability	0.1g						
Repeatability(≤)	±0.2g						
Linearity(≤)	±0.2g						
Interface	RS232C/USB(Optional)						
Pan Size	170x170mm						
Product Size	32x19.5x7cm						
Packing Size	24.4x12.1x39.5cm						
N.W.	1200g						
G.W.	1500g						
Power	110V/220-240V AC						



Electronic Balance
(0.001g/0.01g/0.1g)

IYP
Series

Intelligent balance with high precision strain gauge loadcell and single-chip microcomputer. Portable and easy operation, it cover the accuracy from 0.1g to 1mg. The rich optional configuration can meet the weighing requirement of various industries, it's a popular assembly line equipment for various factories.

Main features

- LCD or LED display for choice
- Three different size stainless steel scale pan
- Automatic fault detection, overload protection
- Multi-Units conversion
- Tare function
- Counting, percentage... functions
- RS232C interface (Optional)
- USB b-type interface (Optional)
- Below weighing facility (Optional)
- Rechargeable battery inside (0.1g and 0.01g)
- Calibration weight (Optional)
- AA battery (Optional)
- Dual display (Optional)
- Windshield 0.01g and 1mg (Optional)

IYP-Q series **1mg** specification

Model No.	IYP1003Q	IYP2003Q	IYP3003Q	IYP5003Q
Capacity	0-100g	0-200g	0-300g	0-500g
Readability	1mg			
Repeatability(≤)	±2mg			
Linearity(≤)	±2mg			
Pan Size	Φ90mm			
Windshield Size	17.5x14x8.3cm			
Product Size	22.5x22x14cm			
Packing Size	30.5x25x17cm			
N.W.	2000g			
G.W.	3000g			
Power	110V/220-240V AC			



YP

Series

Electronic Balance

(0.01g/0.1g)

LCD Display

LED Display

Detect

Pcs

Unit

Calibration

U

RS-232

Drive

Accumulator

USB

CE

ISO9001

IYP series **0.01g** specification(LED display, "D" for LCD display)

Model No.	IYP2002	IYP3002	IYP5002	IYP6002	IYP10002	IYP20002	IYP30002	IYP50002
	IYP2002D	IYP3002D	IYP5002D	IYP6002D	IYP10002D	IYP20002D	IYP30002D	IYP50002D
	IYP2002S	IYP3002S	IYP5002S	IYP6002S	IYP10002S	IYP20002S	IYP30002S	IYP50002S
Capacity	0-200g	0-300g	0-500g	0-600g	0-1000g	0-2000g	0-3000g	0-5000g
Readability	0.01g							
Repeatability(≤)	±0.02g							
Linearity(≤)	±0.02g							
Pan Size	125x160mm						143x192mm	
Product Size	22.5x22x8cm							
Dual display Size	27.5x22x8cm							
Packing Size	30.5x24.5x11cm							
N.W.	1200g							
G.W.	1500g							
Power	110V/220-240V AC							



IYP series **0.1g** specification (LED display, "D" for LCD display, "S" for dual display)

Model No.	IYP2001	IYP6001	IYP10001	IYP15001	IYP20001	IYP30001	IYP50001	IYP60001	IYP100001
	IYP2001D	IYP6001D	IYP10001D	IYP15001D	IYP20001D	IYP30001D	IYP50001D	IYP60001D	IYP100001D
	IYP2001S	IYP6001S	IYP10001S	IYP15001S	IYP20001S	IYP30001S	IYP50001S	IYP60001S	IYP100001S
Capacity	0-200g	0-600g	0-1000g	0-1500g	0-2000g	0-3000g	0-5000g	0-6000g	0-10000g
Readability	0.1g								
Repeatability(≤)	±0.2g								
Linearity(≤)	±0.2g								
Pan Size	143x192mm								
Product Size	22.5x22x8cm								
Dual display Size	27.5x22x8cm								
Packing Size	30.5x24.5x11cm								
N.W.	1200g								
G.W.	1500g								
Power	110V/220-240V AC								



YP-L

Series

High Capacity Rechargeable Electronic Balance

(1g/0.1g)

ISO9001

CE

RS232

Accumulator

RS-232

U

Calibration

Unit

Pcs

Detect

LED Display

Intelligent balance with high precision strain gauge loadcell and single-chip microcomputer. Portable and easy operation, it cover the accuracy from 1g to 0.1g. The rich optional configuration can meet the weighing requirement of various industries. It's a popular assembly line equipment for various factories.

Main features

- High contrast LCD display, easy reading
- Big size stainless steel scale pan
- Automatic fault detection, overload protection
- Unit conversion, counting
- Tare function
- Rechargeable battery inside
- RS232C interface (Optional)
- Below weighing facility (Optional)

IYP-L Series **1/0.1g** Specification

Model No.	IYP60001L	IYP100001L IYP10000L	IYP150001L IYP15000L	IYP200001L IYP20000L	IYP300001L IYP30000L
Capacity	0-6Kg	0-10Kg	0-15Kg	0-20Kg	0-30Kg
Readability	0.1g/1g				
Repeatability(≤)	±0.2g/±2g				
Linearity(≤)	±0.2g/±2g				
Pan Size	340x240mm				
Product Size	39x37.5x13cm				
Packing Size	45.5x43x19cm				
N.W.	4500g				
G.W.	5500g				
Power	110V/220-240V AC				



ITD
Series

Electronic Balance
(0.01g/0.1g)

Intelligent balance with high precision strain gauge loadcell and single-chip microcomputer. All aluminum alloy body, has advantage of anti-interference and corrosion resistance. It has good performance in chemical and industrial production.

Main features

- Aluminum shell, anti-interference and corrosion resistance.
- LED and LCD display for choice
- Automatic fault detection, overload protection
- Units conversion, counting (ITD-D series)
- Tare function
- RS232 interface inside (ITD-D series)
- Below weighing facility (Optional)



ITD series round pan **0.1/0.01g** specification (”D” for LCD display)

Model No.	ITD2001R	ITD6001R	ITD10001R	ITD1002R	ITD2002R	ITD3002R	ITD5002R	ITD6002R	ITD10002R	ITD20002R
	ITD2001DR	ITD6001DR	ITD10001DR	ITD1002DR	ITD2002DR	ITD3002DR	ITD5002DR	ITD6002DR	ITD10002DR	ITD20002DR
Capacity	0-200g	0-600g	0-1000g	0-100g	0-200g	0-300g	0-500g	0-600g	0-1000g	0-2000g
Readability	0.1g						0.01g			
Repeatability(≤)	±0.2g						±0.02g			
Linearity(≤)	±0.2g						±0.02g			
Pan Size	Φ125mm									
Product Size	29x18.5x8cm									
Packing Size	32.5x22.5x15.1cm									
N.W.	1800g									
G.W.	2200g									
Power	110V/220-240V AC									



ITD series square pan **0.1/0.01g** specification (”D” for LCD display)

Model No.	ITD20001	ITD30001/TD30002	ITD50001/TD50002	ITD60001	ITD100001
	ITD20001D	ITD30001D/TD30002D	ITD50001D/TD50002D	ITD60001D	ITD100001D
Capacity	0-2000g	0-3000g	0-5000g	0-6000g	0-10000g
Readability	0.1g	0.1g/0.01g		0.1g	
Repeatability(≤)	±0.2g	±0.2g/±0.02g		±0.2g	
Linearity(≤)	±0.2g	±0.2g/±0.02g		±0.2g	
Pan Size	170x170mm				
Product Size	29x18.5x8cm				
Packing Size	32.5x22.5x15.1cm				
N.W.	2200g				
G.W.	2600g				
Power	110V/220-240V AC				

LCD
Display

LED
Display

Detect

Pcs

Unit

Calibration

U

RS-232

USB

CE

ISO9001

ITD-A
Series

Electronic Balance
(0.01g/0.1g)

Intelligent balance with high precision strain gauge loadcell and single-chip microcomputer. Portable and easy operation, It can be powered by AA battery. It can provide customers with convenient and accurate weighing results, both in fixed place and carrying use.

Main features

- LCD display
- Automatic fault detection, overload protection
- Multi-Units conversion, counting function
- 4xAA battery
- Below weighing facility (Optional)



ITD-A Series **0.1/0.01g** specification

Model (0.1g)	ITD1002A	ITD2002A	ITD3002A	ITD5002A	ITD6002A	ITD10002A	ITD20002A	ITD30002A	ITD50002A
Model (0.01g)	ITD1001A	ITD2001A	ITD3001A	ITD5001A	ITD6001A	ITD10001A	ITD20001A	ITD30001A	ITD50001A
Capacity	0-100g	0-200g	0-300g	0-500g	0-600g	0-1000g	0-2000g	0-3000g	0-5000g
Readability	0.1g/0.01g								
Repeatability(≤)	±0.2g/±0.02g								
Linearity(≤)	±0.2g/±0.02g								
Pan Size	155x143mm								
Product Size	26.5x20x8cm								
Packing Size	32.5x22.5x15.1cm								
N.W.	1200g								
G.W.	1600g								
Power	110V/220-240V AC								

ITS
Series

Electronic Hydrostatic Balance
(0.01g/0.1g)

Intelligent balance with high precision strain gauge loadcell and single-chip microcomputer. Up and below weighing, it is used in road, railways, architectural engineering, inspection organizations, colleges, universities and research institutes, etc. to measure the density of mineral, gravel, pebble and other objects.

Main features

- High contrast large font display, display clearly
- Unit conversion, counting function
- External calibration
- Below weighing facility (Optional)
- Tare function
- Aluminum alloy hydrostatic kit, corrosion resistance

ITS series **0.1/0.01g** Specification

Model No.	ITS50001	ITS100001	ITS150001	ITS300001
Capacity	0-5000g	0-10000g	0-15000g	0-30000g
Readability			0.1g	
Repeatability(≤)			±0.2g	
Linearity(≤)			±0.2g	
Pan Size	143x192mm	340x240mm		
Container Size			Φ260x240mm	
Basket Size			Φ150x150mm	
Product Size	39x24.5x48cm	45x40x57.8cm		
Packing Size	41x26.5x45cm	47x62x50cm		
N.W.	4600g	12000g		
G.W.	5200g	15000g		
Power	110V/220-240V AC			





Others

Density Kit

- Stainless steel material
- Suitable for analytical balance testing density
- For solid use and liquid use



Micropipette

- High accuracy and precision
- Easy to calibrate and use
- Low half autoclavable
- Wide tip compatibility

Micropipette specification

Model	Range	Increment
IJNHP2	0.2-2ul	0.002µl
IJNHPM10	1-10ul	0.02µl
IJNHPM20	2-20ul	0.02µl
IJNHPM50	5-50ul	0.1µl
IJNHPM100	10-100ul	0.2µl
IJNHPM200	20-200ul	0.2µl
IJNHPM1000	100-1000ul	1µl
IJNHPM5M	0.5-5ml	0.01ml
IJNHPM10M	1-10ml	0.02ml



Mini Printer

- Multi-interface 232/485/USB
- Multi-system application
- Low paper detection
- Voltage investigate
- Φ50mm paper
- Suitable for full series electronic balance



Viscometer

- LCD display with blue backlight
- Microcomputer technology
- Stepper motor rotation, gearless, speed accurate
- Timing measurement, prompt function when exceeding the measuring range
- Computer full range linearity correction
- Temperature probe (Optional)

Viscometer specification

Model No.	INDJ-5S	INDJ-9S	INDJ-8S
Measuring range	1 ~ 1×10 ⁵ mPa • s		1 ~ 2×10 ⁶ mPa • s
Rotor specifications	No. 1~4 rotor, optional No. 0 rotor can measure low viscosity to 0.1mPa • s		
Rotor Speed	6, 12, 30, 60 rpm		0.3, 0.6, 1.5, 3,6,12,30,60 rpm
Automatic gear	Can select the appropriate rotor and speed		
Operation Panel Selection	Chinese/English		
Reading-stabilized cursor	When the vertical bar and square cursor is full, the reading is basically stable		
Measurement Accuracy	±2% (Newtonian liquid)		
Temperature Measuring	/	YES	/
Power Supply	AC 220V±10, 50Hz±10%		
Working Environment	Temperature 5℃ ~ 35℃, Relative humidity≤80%		
Dimension	370×325×280mm		
Net Weight	6.8kgs		



IJS Series Moisture Analyzer

IJS series moisture analyzer specification

Model	IJS50-5T	IJS50-2T	IJS50-1T	IJS100-1T
Capacity	50g/5mg	50g/2mg	50g/1mg	100g/1mg
Readability	0.005g	0.002g	0.001g	0.001g
Repeatability	5mg	2mg	1mg	1mg
Operation Temperature	5°C-40°C			
Pan Size	100mm			
Heating Element	Halogen			
Temp.Range	50°C-180°C			
Temp.Accuracy	1°C			
Moisture Range	0%-100%			
Moisture Readability	0.10%	0.04%	0.01%	0.01%
Dry Weighing Range	100%-0%			
Dry Weighing Readability	0.10%	0.04%	0.01%	0.01%



IMS Series Moisture Analyzer

IMS series moisture analyzer with simple operation and excellent performance, it is widely used to measure the moisture content of materials in grain, food, tobacco, pharmaceutical, petroleum, chemical, paint, mineral, environmental protection and other industries.

- Bright LCD display with backlight
- HBM loadcell
- 10 measurement models storage
- RS232 interface
- Halogen lamp

IMS series moisture analyzer specification

Model No.	Capacity (g)	Readability	Repeatability	Temp. Range(°C)	Operating Temp. Range(°C)	Pan size(cm)	Product size(cm)	Heat source
IMS31	0-120	0.001g/0.01%	≥15g,0.04%	45-180	15-35	φ110	32.5x20.5x16.5	Halogen lamp
IMS32		0.005g/0.02%	≥15g,0.1%					
IMS35		0.005g/0.05%	≥15g,0.15%					
IMS21		0.01g/0.01%	≥15g,0.2%					

