

Electronic Balance



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About us

Innova Bio-Meditech is one of the professional solution provider of laboratory and medical 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.

Innova Bio-Meditech possesses a sound distribution and service network with business partners in North and Latin America, Europe, Africa and Asia-Pacific etc. We have built up a well established R&D, manufacture network with 3 centers in Qingdao, Shanghai and Suzhou. 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, INNOVA produce constantly upgraded product ranges by adding new products year after year.

The passion for science

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Semi-micro Analytical Balance

INNOVA semi-micro analytical balance with 0.01mg resolution, different ranges can be selected, equipped with external or internal calibration function.

ITA Series



- 1 Draft Shield
- 2 Door Handle
- 3 Pan
- 4 Wind Ring
- 5 Display
- 6 Level Indicator
- 7 USB
- 8 Power Input

Main Features



- Aluminium alloy body and stainless steel platform with clear glass wind shield.
- Electromagnetic sensor technology.



- External/Internal calibration and support Bluetooth printer (optional).



- 4.3-inch high resolution TFT capacitive touch screen for much easier operations, display with backlight makes it easier to read under all conditions.



- USB interfaces for PC connection and data export.
- Built-in ARM32-bit microprocessor makes the instrument run fast and measure with high accuracy.



- Multiple functions like weighing, parts counting, percent weighing, check weighing, animal weighing, density determination(kits optional) and multi weighing units.

Technical Parameter

Model	ITA205	ITA505	ITA205C	ITA505C
Capacity	20g	50g	20g	50g
Readability	0.01mg			
Stable Time	≤4s			
Display	4.3 inch capacitive touch screen			
Pan Size	Ø85mm			
Calibration	External		Internal	
Weighing Units	Gram, carat, ounce, pound, troy ounce, newton			
Assembled Dimension	360×220×320mm			
Shipping Dimension	520×380×500mm			
Net Weight	6kg			
Gross Weight	9.5kg			
Power Supply	DC12V 1A			

IB-SEM Series



Main Features

- Recipe database: 99 datas can be stored
- Automatic internal calibration
- Tare/counting/percentage test/animal weighing
- Baud rate is adjustable/ Density function
- Unit conversion (g/mg/ct/oz)...
- Multi-Language : English/ German/French/ Italian/Spanish/Portuguese
- Keep weight values in GLP/ISO format, Includes date, time, and serial number
- Plastic protection cover for keypad
- Overload alarm/fault alarm/level indicator

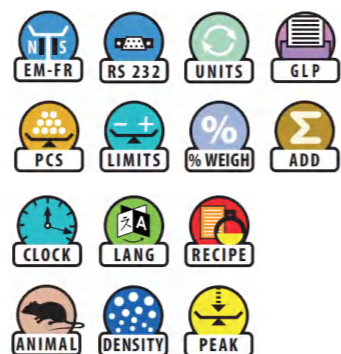
Technical Parameter

Model	IB1265SEM	IB2285SEM	IB22105SEM	IB125SEM-ION	IB165SEM-ION	IB205SEM-ION
Capacity	62/120g	82/220g	102g/220g	122g	162g	210g
Readability	0.01mg/0.1mg			0.01mg		
Min Weighing	60mg			100mg		
Stable Time	≤6s					
Display	LCD (white back light with black font)					
Pan Size	Ø80mm					
Operation Temp	5-35 °C 20-80%Humidity					
Repeat Ability	0.03mg / 0.1mg	0.05mg / 0.1mg		0.05mg		
Linearity	±0.08mg/±0.2mg	±0.1/±0.2mg		±0.1mg		
Draft Shield Size	152×160×225mm					
Calibration	Internal Calibration					
Option	Printer					
Dimension	345×215×345mm					
G. /N. Weight	8.25 kg/5.8kg			8.3kg/5.85kg		
Static Eliminator	Option			Standard		
Packing Size	510×400×620mm					
Power Supply	110-230V 50/60Hz Out DC 12V 1A					

Analytical Balance (0.1mg)

INNOVA analytical balance with 0.1mg resolution, different ranges can be selected, equipped with external or internal calibration function.

IB-A (I) Series



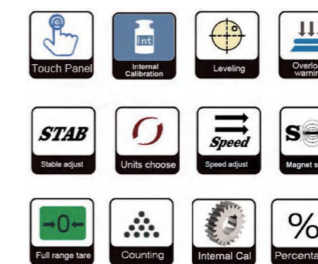
Main Features

- Internal calibration
- LCD (White back light with black font)
- One key/Time trigger internal calibration
- Electromagnetic force sensor
- Tare function/Counting/Percentage
- Glass draft shield with 3 sliding doors for easy access to the items being weighed
- Unit conversion (g/mg/ct/oz)...
- Sensitivity/Speed set
- Overload alarm/Fault alarm/Level indicator

Technical Parameter

Model	IB314A(I)	IB414A(I)	IB514A(I)	IB614A(I)	IB1104A(I)
Capacity	310g	410g	510g	610g	1100g
Readability	0.1mg				
Min Weighing	0.0004g				
Stable Time	≤4s				
Display	LCD (white back light with black font)				
Pan Size	Ø80mm				
Operation Temp	5-35 C				
Repeat Ability	≤220g; 0.1mg				
Linearity	±0.0005g				
Draft Shield Size	162×171×225mm				
Calibration	Internal calibration for IB-AI, External calibration for IB-A				
Interface	RS232C (standard), RS485/Printer (optional)				
Packing Size	345×215×345mm				
G . Weight	7kg				

IB-T Series



Main Features

- Internal auto calibration
- 5 Inch touch panel
- 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)...
- Under weighing
- Sensitivity/Speed set
- Overload alarm/Fault alarm/Level indicator
- Option:Density kit (Solid/Liquid)

Technical Parameter

Model	IB1004T	IB2004T	IB2204T
Capacity	100g	200g	220g
Readability	0.1mg		
Min Weighing	0.0004g		
Stable Time	≤3s		
Pan Size	Ø80mm		
Operation Temp	15-35 C		
Repeat Ability	±0.0002g		
Linearity	±0.0003g		
Draft Shield Size	240×190×265mm		
Calibration	Internal Calibration		
Interface	RS232 (standard), USB (optional)		
Option	Printer		
Packing Size	Inside: 415×285×430mm Outside: 475×315×485mm		
G . Weight	11kg		

IB(N) Series



Main Features

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

Technical Parameter

Model	IB1004(N)	IB1204(N)	IB2004(N)	IB2204(N)	IB3004
Capacity	100g	120g	200g	220g	300g
Readability	0.1mg				
Min Weighing	0.0004g				
Stable Time	≤3s				
Pan Size	Φ80mm				
Operation Temp	15-35 °C				
Repeat Ability	±0.0002g				
Linearity	±0.0003g				
Dimension	340×215×350mm				
Draft Shield Size	240×190×265mm				
Interface	RS232(standard), USB(optional)				
Calibration	Internal calibration for IB-N, External calibration for IB				
Option	Printer				
Packing Size	Inside: 415×285×430mm Outside: 475×315×485mm				
G. Weight	11kg for IB-N, 10kg for IB				

IB-E(N) Series



Main Features

- Internal auto calibration for IB-EN
- Electromagnetic force sensor
- LCD (White back light with black font)
- Tare function/Counting/Unit conversion
- Sensitivity/Speed set/Percentage
- Accumulation function/peak hold/Upper and lower set
- Dynamic weighing/Net and Gross/Clock function (option)
- Print function(baud rate setting, Continuous communication or press communication)
- Calibration time setting
- Overload alarm/Fault alarm/Level indicator
- Option:USB / printer

Technical Parameter

Model	IB1004E(N)	IB1204E(N)	IB2004E(N)	IB2204E(N)
Capacity	100g	120g	200g	220g
Readability	0.1mg			
Min Weighing	0.0004g			
Stable Time	≤3s			
Display	LCD (white back light with black font)			
Pan Size	Φ80mm (standard), Φ90mm (optional)			
Operation Temp	5-35 °C			
Repeat Ability	±0.0002g			
Linearity	±0.0003g			
Dimension	300×200×295mm			
Draft Shield Size	180×175×200mm			
Calibration	Internal calibration for IB-EN, External calibration for IB-E			
Interface	RS232C (standard), USB/Printer (optional)			
Packing Size	425×320×415mm			
G. Weight	6kg			
Power	100-240V 50/60Hz			

Analytical Balance (1mg)

INNOVA analytical balance with 1mg resolution, different ranges can be selected, equipped with external or internal calibration function.

IBJ (N) Series



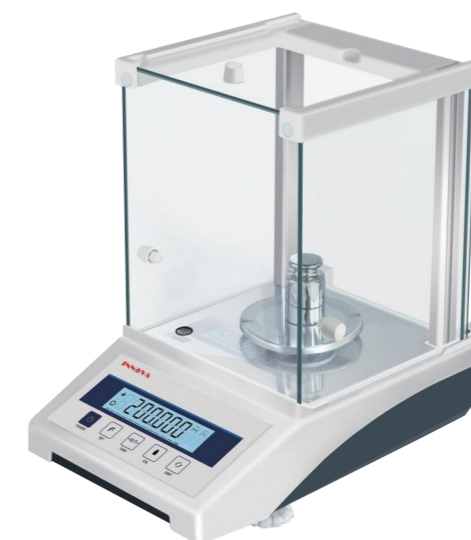
Main Features

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

Technical Parameter

Model	IBJ203(N)	IBJ303(N)	IBJ503(N)	IBJ603(N)	IBJ1003	IBJ1203
Capacity	200g	300g	500g	600g	1000g	1200g
Readability	1mg					
Min Weighing	0.004g					
Stable Time	≤3s					
Display	Ø80mm			Ø100mm		
Pan Size	15-35 °C					
Operation Temp	±0.002g					
Repeat Ability	±0.003g					
Linearity	340×215×350mm					
Draft Shield Size	240×190×265mm					
Calibration	Internal calibration for IBJ-N, External calibration for IBJ					
Interface	Printer/Under weighing					
Packing Size	Inside: 415×285×430mm Outside: 475×315×485mm					
G. Weight	10kg for IBJ, 11kg for IBJ-N				11kg	

IBJ-E Series



Main Features

- Electromagnetic force sensor
- LCD (White back light with black font)
- Tare function/Counting/Unit conversion/peak hold
- Sensitivity/Speed set/Percentage
- Print function (baud rate setting, continuous communication or press communication)
- Overload alarm/Fault alarm/Level indicator
- Option: USB / printer

Technical Parameter

Model	IBJ203E	IBJ503E	IBJ203EL
Capacity	200g	500g	220g
Readability	1mg		
Min Weighing	0.004g		
Stable Time	≤3s		
Pan Size	Ø80mm (standard), Ø90mm (optional)		
Operation Temp	5-25 °C		
Repeat Ability	±0.002g		
Linearity	±0.003g		
Dimension	300×200×295mm		
Draft Shield Size	180×175×200mm		
Calibration	External calibration		Internal calibration
Packing Size	425×320×415mm		
G. Weight	8kg		
N. Weight	6kg		
Interface	RS232C (Standard), USB/Printer (Optional)		
Sensor	EMF		Loadcell

IBJ-H Series



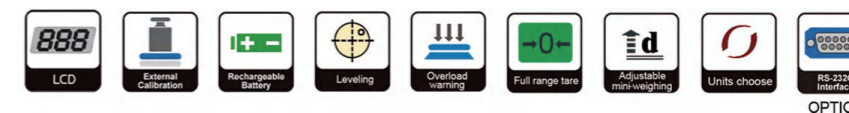
Main Features

- Aluminum shell/Large space wind proof cover
- LED (Green)/LCD
- Tare function/Counting
- Overload alarm/Level indicator
- Option: Under weighing/Printer

Technical Parameter

Model	IBJ103H	IBJ203H	IBJ303H
Capacity	110g	210g	310g
Readability		1mg	
Min Weighing		0.004g	
Stable Time		≤3s	
Display		LED/LCD	
Pan Size		Φ90mm	
Repeat Ability		±0.002g	
Linearity		±0.003g	
Dimension		340×215×350mm	
Draft Shield Size		240×190×265mm	
Interface		RS232 (Standard)	
Calibration		External calibration	
Option		Printer/Under weighing	
Packing Size		Inside: 415×285×430mm	
G. Weight		7.5kg	

IBJ-P Series



Main Features

- LCD/AC and DC power supply (AA*3)
- Tare function/Counting/Unit conversion (g/ct/oz)...
- Min weighing set
- Overload alarm/Level indicator
- Option: Dual display/Interface/Printer/Dust cover

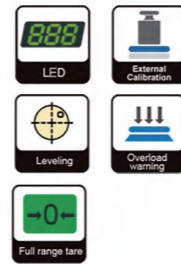
Technical Parameter

Model	IBJ103P	IBJ203P	IBJ303P	IBJ103PL
Capacity	110g	210g	310g	110g/610g
Readability			1mg	1mg/10mg
Min Weighing			0.001g-0.004g	
Stable Time			≤3s	
Display			LCD	
Pan Size		Φ90mm		Φ110mm
Repeat Ability			±0.002g	
Linearity			±0.003g	
Dimension			270×200×270mm	
Draft Shield Size			175×180×205mm	
Calibration			External calibration	
Cal.Weight	100g		200g	
Packing Size			360×265×350mm / 730×560×380mm (4 sets)	
G. Weight			4kg/16kg (4 sets)	

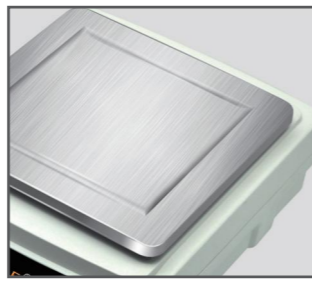
Precision balance

INNOVA precision balance with 0.01g/0.1g resolution, different capacity can be selected. Suitable for weighing gold jewelry, spare parts, medicinal materials, tea, etc.

IBJ-C Series



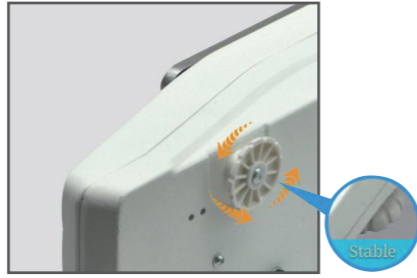
Horizontal bubble



Stainless Pan



High quality adapter



Non-slip mat



Main Features

- Aluminum shell/Unit conversion(g/ct/oz)...
- Large range and high precision
- LED (Green) / LCD
- Tare function/Counting
- Overload alarm/Level indicator
- Option: Printer

Technical Parameter

Model	IBJ3000C	IBJ4000C	IBJ5000C
Capacity	3000g	4000g	5000g
Readability		0.01g	
Repeatability		±0.02g	
Linearity		±0.03g	
Pan Size		180×180mm	
Stable Time		≤3s	
Interface		RS232 (Standard)	

IBG-2C series



Main Features

- LCD/AC and DC power supply(AA*3)
- Tare function/Counting/Unit conversion(g/ct/oz)...
- Min weighing set
- Overload alarm/Level indicator
- Option: Dual display/Interface/Printer/Windproof/Dust cover

Technical Parameter

Model	IBG200-2C	IBG300-2C	IBG600-2C	IBG1000-2C	IBG2000-2C	IBG3000-2C
Capacity	210g	310g	610g	1100g	2100g	3100g
Readability	0.01g					
Repeatability	±0.02g					
Linearity	±0.03g					
Pan Size	Φ130mm					
Stable Time	≤2s					

IBG-1B/BF series



IBG-1B

IBG-1BF

Main Features

- Fashionable appearance
- Large size stainless steel pan (For IBG-1BF)
- LCD (White back light with black font)
- AC and DC power supply(AA*3)
- Tare function/Counting/Unit conversion(g/ct/oz)...
- Min weighing set
- Overload alarm/Level indicator
- Option: Dual display/Interface/Printer/Dust cover calibration weight

Technical Parameter

Model	IBG600-1B	IBG1000-1B	IBG2000-1BF	IBG3000-1BF	IBG5000-1BF
Capacity	610g	110g	2100g	3100g	5100g
Readability	0.1g				
Repeatability	±0.2g				
Linearity	±0.3g				
Pan Size	Φ130mm		160×160mm		
Stable Time	≤2s				