

Balance

Semi-micro Analytical Balance

The precision of the semi-microbalance is 0.01 mg. This series is equipped with a new type of highly integrated electromagnetic sensor, all of its models can be automatically internally calibrated, with the characteristics of high precision and high repeatability. All HPBG-type balances are equipped with a large graphic display screen, which is convenient for users to operate.

Function:

- * 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
- * Sensitivity/speed adjustable
- * Overload alarm/fault alarm/level indicator

Optional Accessories:

- * ION-A15 Static Eliminator
- * Balance plate system. USB version (BL0329) or Bluetooth version (BL0330)
- * Alphanumeric external keyboard (AC005)
- * Serial to USB converter (E1002)
- * Serial cable for serial output to printer or computer (E743)
- * Factory calibration certificate (BL0333)



Static Eliminator (Optional)

Technical Parameters:

Model	BA1265SEM	BA2285SEM
Capacity(g)	62/120	82/220
Resolution(g)	0.01mg/0.1mg	
Min Weighing(g)	0.06mg/0.6mg	
Stable Time	≤6s	
Display	LCD (green back light with black font)	
Scale Size	Φ80mm	
Operation Temp	5-25°C	
Repeat Ability	0.03 / 0.1mg	0.05 / 0.1mg
Liner	±0.08 / ±0.2mg	± 0.1/ ± 0.2mg
Draft Shield Size	162*171*225mm	
Cal. Weight	Internal Calibration	
Interface	RS232C	
Power Supply	110-230V 50/60Hz Out DC 12V 1A	
External Size	345*215*345mm	
N. Weight	5.8 kg	
Package Size	510*400*620mm	
G. Weight	8.5kg	



Introduction:

Semi-micro analytical balance adopts high sensitivity and high stability electromagnetic force sensor, stability and accuracy compatible performance to meet the needs of precision weighing laboratory.

Application:

Widely used in scientific research, education, metallurgy, agriculture and other industries.

Features:

- * Transparent glass wind shield, multiple directions can see the sample.
- * LCD display screen.
- * Split-type design, display unit and weighing unit are separated.
- * Digital processing technology, optimized small sample adding weighing function.
- * Built-in RS232 communication interface, can be connected with computers, micro printers.
- * Automatic calibration system.
- * Multiple weighing application functions, basic weighing function, piece weighing function, percentage weighing function.

Technical Parameters:

Model	BA1205SEM	BA1055SEM	BA2085SEM
Capacity	120g	120g/51g	210g/82g
Resolution	0.01mg	0.1mg/0.01mg	
Repeat Ability	±0.05mg	±0.1mg/±0.03mg	±0.1mg/±0.05mg
Liner	±0.05mg	±0.1mg/±0.03mg	±0.1mg/±0.05mg
Operation Temp	10~30°C		
Operating Humidity	10%~70%RH		
Stable Time	6s(average)	2.5s/6s(average)	
Balance Time	30~60min		
Scale Size	Φ90mm		
Power Supply	Standard: AC220V 50/60Hz Optional: AC110V 50/60Hz		
Output Power	DC12V 2A		
External Size(L*W*H)	470*310*320mm		
Package Size(L*W*H)	620*460*560mm		
Net/Gross Weight	12/14kg		