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.
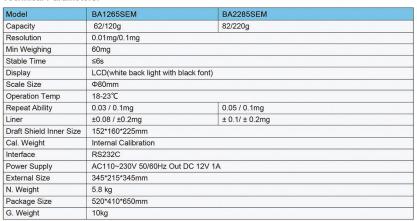
Function:
✻ Recipe database: 99 datas can be stored
✻ Automatic internal calibration
✻ Tare/counting/percentage test/animal weighing
✻ Baud rate is adjustable/ Density function
✻ Unit conversion (g/mg/ct/oz...)
✻ Multi-Language: English/ German/French/Italian/ Spanish/Portuguese
✻ Keep weight values 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	62/120g	82/220g
Resolution	0.01mg/0.1mg	
Min Weighing	60mg	
Stable Time	≤6s	
Display	LCD(white back light with black font)	
Scale Size	Φ80mm	
Operation Temp	18-23℃	
Repeat Ability	0.03 / 0.1mg	0.05 / 0.1mg
Liner	±0.08 / ±0.2mg	± 0.1/ ± 0.2mg
Draft Shield Inner Size	152*160*225mm	
Cal. Weight	Internal Calibration	
Interface	RS232C	
Power Supply	AC110~230V 50/60Hz Out DC 12V 1A	
External Size	345*215*345mm	
N. Weight	5.8 kg	
Package Size	520*410*650mm	
G. Weight	10kg	

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	±0.02mg	±0.1mg/±0.02mg	±0.1mg/±0.02mg
Liner	±0.02mg	±0.1mg/±0.02mg	±0.1mg/±0.02mg
Operation Temp	18~23℃		
Operating Humidity	20%~80%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)	625*465*570mm		
Net/Gross Weight	12/14kg		