# **BIOBASE®**

## 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.

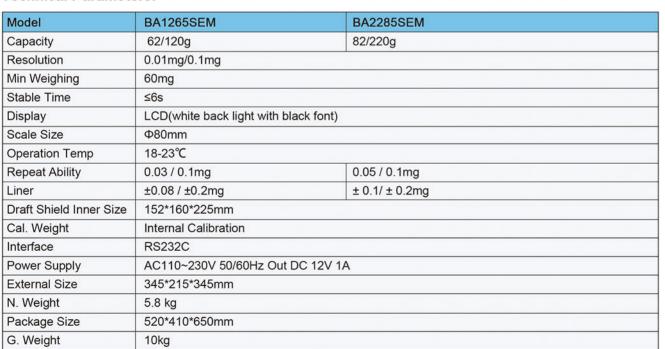
#### Function

- \* 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)

## Technical Parameters:







Static Eliminator (Optional)



#### 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.
- st 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	Ф90mm		
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		

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