

## R-TECHNOLOGY

### Balance

#### BA-C Automatic Electronic Analytical Balance (Internal Calibration)

##### Features:

- \* Humanized design, novel design and five-side full-transparent windshield.
- \* A new-generation electromagnetic balance weight sensor guarantees the high precision.
- \* Application programs such as automatic fault detection, four-point linear calibration and over load protection.
- \* The adoption of ultra-large digital integrated printed circuit board guarantees high product precision.
- \* The adoption of twin-cam mechanism realizes advantageous function of automatic internal calibration which makes product faster and more stable.
- \* Application programs such as "Warning", "Calibration", and "Screen Saver".
- \* Ultra-large LCD display brings clearer and more comfortable visual sense to operator.



##### Functions:

- \* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion (metric carat, gold ounce, etc.), stability, full-scale taring, zero-memory, etc.
- \* Built-in automatic calibration guarantees easier, faster, stable and accurate operation of balance.
- \* Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.
- \* Built in lower weighing hook guarantees convenient use.

Power Supply: AC110/220V±10%, 50/60Hz; Power Cord, no battery.

##### Technical Parameters:

Model	Capacity	Readability	Scale Size	N.W.	External Size	Package Size	Work Space Height	Calibration
BA604C	0~60g	0.1mg	Φ90mm	6.8kg	350*215*340mm	480*375*515mm	240mm	Internal Cal
BA1004C	0~100g							
BA1204C	0~120g							
BA1604C	0~160g							
BA2004C	0~200g							
BA2204C	0~220g	1mg						
BA1003C	0~100g							
BA2003C	0~200g							
BA3003C	0~300g							

##### Standard Accessory:

Balance body, adapter, windshield, cleaning cloth, tweezers and brush.

#### BA-N Automatic Electronic Analytical Balance (Internal Calibration) (Economic Series)

##### Features:

- \* Humanized design, novel design and four-side transparent windshield.
- \* High precision magnet sensor keeps the weighing more fast and stable.
- \* Ultra-large backlight LCD display brings clearer and more comfortable visual sense to operate.

##### Functions:

- \* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion (g, oz, ct, ...), full-scale taring, zero-memory etc.
- \* Built-in RS232 output interface guarantees direct connection to external equipment such as computer and printer.
- \* Built-in automatic calibration guarantees easier, faster, stable and accurate.

Power Supply: AC110/220V±10%, 50/60Hz; Power Cord, no battery.

##### Technical Parameters:

Model	Capacity	Readability	Scale Size	N.W.	External Size	Package Size	Work Space Height	Calibration
BA1004N	100g	0.1mg	Φ90mm	11kg	415*285*430mm	480*375*515	230mm	Internal Cal
BA1104N	110g							
BA1204N	120g							
BA2004N	200g							
BA2104N	210g							
BA2204N	220g							

##### Standard Accessory

Balance body, adapter, weight, windshield.



## R-TECHNOLOGY

### BA-B Series Electronic Analytical Balance (External Calibration)

#### Features:

- \* Humanized design, novel design and five-side full-transparent windshield.
- \* A new-generation electromagnetic balance weighing sensor guarantees high precision.
- \* Application programs such as automatic fault detection, four-point linear calibration and over-load protection.
- \* Ultra-large LCD display brings clearer and more comfortable visual sense to operate.



#### Functions:

- \* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion (metric carat, gold ounce, etc.), stability, full-scale fading, zero-memory, etc.
- \* Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.
- \* Built-in lower weighing hook guarantees convenient use.

Power Supply: AC110/220V±10%, 50/60Hz; Power Cord, no battery.

#### Technical Parameters:

Model	Capacity	Readability	Scale Size	N.W.	External Size	Package Size	Work Space Height	Calibration
BA504B	0-50g	0.1mg	Φ80mm	6.8kg	350*215*340mm	480*375*515mm	240mm	External Cal
BA604B	0-60g							
BA1004B	0-100g							
BA1104B	0-110g							
BA1204B	0-120g							
BA1604B	0-160g							
BA2004B	0-200g							
BA2204B	0-220g							
BA2104B	0-210g							
BA2104S	0-60g 60-210g							

#### Standard Accessory:

Balance body, adaptor, weight, windshield, cleaning cloth, tweezers and brush.

### BP-B/P Series Electronic Precision Balance

#### Features:

- \* Humanized design, novel design and five-side full-transparent windshield.
- \* A new-generation electromagnetic balance weighing sensor guarantee high precision.
- \* Application programs such as automatic fault detection, four-point linear calibration and over-load protection.
- \* Ultra-large LCD display brings clearer and more comfortable visual sense to operate.
- \* Built-in lower weighing hook guarantees convenient use.



#### Functions:

- \* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion (metric carat, gold ounce, etc.), stability, full-scale fading, zero-memory, etc.
- \* Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.
- \* Built-in lower weighing hook guarantees convenient use.

Power Supply: AC110/220V±10%, 50/60Hz; Power Cord, no battery.

#### Technical Parameters:

Model	Capacity	Readability	Scale Size	N.W.	External Size	Package Size	Work Space Height	Calibration
BP1003B	0-100g	1mg	Φ80mm	6.8kg	350*215*340mm	480*375*515mm	240mm	External Cal
BP1203B	0-120g							
BP2003B	0-200g							
BP3003B	0-300g							
BP4103B	0-410g							
BP5003B	0-500g		Φ110mm	6kg				
BP10003	0-1000g							
BP1003P	0-100g							
BP2003P	0-200g		Φ80mm	6.8kg				

#### Standard Accessory:

Balance body, adaptor, weight, windshield, cleaning cloth, tweezers and brush.

## R-TECHNOLOGY

### BP Series Electronic Precision Balance

#### Functions:

- \* Multiple functions including auto-counting, unit conversion (metric carat, gold ounce, etc.), stability, full scale faring, zero memory, etc.
- \* Built-in RS232C output interface for computer and printer.

Power Supply: AC220V±10%, 50/60Hz; 110V±10%, 50/60Hz, Power Cord, no battery.



#### Technical Parameters:

Model	Capacity	Readability	Scale Size	N.W.	External Size	Package Size
BP12002	0~1200g	10mg	Φ180mm	8kg	350*215*115mm	490*375*615
BP21002	0~2100g					
BP31002	0~3100g					
BP50002	0~5000g					
BP21001	0~2100g	100mg	Φ180mm	8kg	350*215*115mm	490*375*615
BP31001	0~3100g					
BP41001	0~4100g					
BP51001	0~5100g					
BP61001	0~6100g					
BP81001	0~8100g					

#### Standard Accessory:

Balance body, adapter, cleaning cloth and brush.

### BE Series Electronic Balance

#### Features:

- \* AC/DC exchangeable, balance level, LCD display, rapid weighing response and high stability.
- \* Sensor adopts unique locking device, which guarantees protection of balance during transportation.



Scale Size: Φ125mm



Scale Size: 130\*130mm



Scale Size: 160\*160mm



Scale Size: 255\*190mm

#### Functions:

- \* System operations: including auto-counting, percentage, automatic calibration, multi-point calibration, standard weights (optional)
- \* Multiple functions guarantee easy and reliable operation, including unit conversion (metric carat, gold ounce, etc.), stability, memory, full-scale faring
- \* Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.

Power Supply: AC110/220V±10%, 50/60Hz; Capacity < 10kg; Power cord, dry battery reservation position (5#\*6pcs), no battery; Capacity ≥10kg; Power cord, accumulator

#### Technical Parameters:

Model	Capacity	Readability	Scale Size	N.W.	External Size	Package Size
BE1002	0~100g	10mg	Φ125mm	1kg	250*160*80mm	385*285*170mm
BE2002	0~200g					
BE3002	0~300g					
BE4002	0~400g		130*130mm			
BE5002	0~500g					
BE6002	0~600g					
BE10002	0~1000g					
BE20002	0~2000g					
BE30002	0~3000g	100mg	160*160mm	1.3kg	300*120*160mm	356*310*165mm
BE50002	0~5000g					
BE2001	0~200g					
BE4001	0~400g					
BE5001	0~500g		Φ125mm			
BE6001	0~600g					
BE8001	0~800g					
BE10001	0~1000g		130*130mm			
BE16001	0~1600g					
BE20001	0~2000g					
BE30001	0~3000g					
BE40001	0~4000g		160*160mm			
BE50001	0~5000g					
BE60001	0~6000g					
BE80001	0~8000g					
BE100001	0~10000g		255*190mm			
BE150001	0~15000g					
BE200001	0~20000g					
BE300001	0~30000g					
BE1000	0~1000g	1g	130*130mm	1kg	250*160*80mm	385*285*170mm
BE2000	0~2000g					
BE3000	0~3000g		160*160mm			
BE6000	0~6000g					
BE10000	0~10000g		255*190mm			
BE15000	0~15000g					
BE20000	0~20000g					
BE30000	0~30000g					

## R-TECHNOLOGY

### BE-G/N Classic Electronic Balance (Economic Series)



Scale Size: Φ130mm  
BE1002G / BE2002G / BE3002G /  
BE5002G / BE10002G



Scale Size: Φ160mm  
BE20002G / BE30002G /  
BE40002G / BE50002G



Scale Size: Φ200\*200mm  
BE60001GF / BE100001GF /  
BE150001GF / BE6000GF /  
BE10000GF / BE15000GF



Scale Size: Φ130mm  
BE1002N / BE2002N / BE3002N /  
BE5002N / BE6002N / BE10002N /  
BE3001N / BE5001N / BE10001N



Scale Size: Φ160mm  
BE20001NF / BE30001NF /  
BE50001NF

#### Features:

- \* AC/DC exchangeable, LCD display, rapid weighing response and high stability.
- \* Precision scales calibrated sensor window can effectively make the calibration more accurate(only for BE-G/GF series).
- \* External Material:  
BE-G/GF series, stainless steel scale, plastic case and aluminum base thick of 3.8mm,  
BE-N/NF series, stainless steel scale, plastic case and ABS base
- \* Superior wireless sensors realize no-button operation of peeled, calibration, avoiding button corrosion by the sample residues.

#### Optional Functions:

- Anti-theft device&Sealing device (Only for BE-G/GF series)
- Weighing function under the hanging structure, or test weight for weighing magnetic object density, specific gravity, etc.

#### Power Supply

AC220V±10%, 50/60HZ; 110V±10%, 50/60HZ

Power cord, dry battery reservation position (AA\*6pcs), no battery, no accumulator

#### Standard Weight:

Model \ Readability	1mg	10mg	100mg	1g
200g> Capacity≤100g	100g weight	100g weight	No weight	No weight
500g> Capacity≤200g	200g weight	200g weight	No weight	No weight
Capacity≥500g	500g weight	500g weight	No weight	No weight

#### Technical Parameters:

Model	Capacity	Readability	Scale Size	G.W	External Size	Package Size	Interface
BE1002G	100g	10mg	Φ130mm	3.8kg	350*210*90mm	350*290*160mm	RS232 (Standard) RS485 (Optional) USB (Optional)
BE2002G	200g						
BE3002G	300g						
BE6002G	600g		Φ160mm				
BE10002G	1000g						
BE20002G	2000g						
BE30002G	3000g	100mg	200*200mm	4.5kg	350*290*160mm	RS232 (Optional)	
BE40002G	4000g						
BE50002G	5000g						
BE60001GF	6000g						
BE100001GF	10000g						
BE150001GF	15000g	1g					
BE6000GF	6000g						
BE1000GF	10000g	10mg	Φ130mm	2kg	300*190*100mm		
BE15000GF	15000g						
BE1002N	100g						
BE2002N	200g						
BE3002N	300g						
BE5002N	500g		Φ160mm	2.4kg			
BE6002N	600g						
BE10002N	1000g						
BE3001N	300g						
BE6001N	600g						
BE10001N	1000g	100mg	Φ160mm	2kg			
BE20001NF	2000g						
BE30001NF	3000g						
BE50001NF	5000g						
BE50001NF	5000g						

## R-TECHNOLOGY

### BM-50 Series Rapid Moisture Meter

#### Features:

- \* LCD Display
- \* RS232 communication interface
- \* Convenient and quick operating with 6 buttons
- \* Heating element, Halogen lamps, proper for samples requires quick heating.
- \* Adopting heating-insulated weighing sensor avoids accuracy affected by heating



#### Technical Parameters:

Model	BM-50-10	BM-50-5	BM-50-1
Capacity	50g		
Weight Readability	0.01g	0.005g	0.001g
Moisture Readability	0.3%	0.2%	0.1%
Scale Size	Φ80mm		
Temperature Capacity	50~180°C	50~180°C	50~180°C
Ambient Temperature	10~30°C	10~30°C	10~30°C
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 50/60Hz; Power cord, no battery		
Package Size	370*470*350		
Gross Weight	4kg		

### Electronic Density (Specific Gravity) Balance



#### Technical Parameters:

Model	BA-100D	BA-200D
Max Capacity	100g	200g
Min Capacity	10mg	
Fixed Support	H=203mm	
Scale Size	Φ110mm	
Output	RS-232C	
Power Supply	AC110/220V±10%, 50/60Hz; Power cord, no battery	
Net Weight	1kg	
External Size	250*180*248mm	
Package Size	335*255*252mm	
Accessories	Measuring platform, measuring cup, fixed support, thermometer, doublehook weights, platinum wire, plumb bob, wire basket, balance body, adaptor and standard weights	

### Horizontal Electrophoresis Tank

Horizontal electrophoresis is a basic means in molecular biology research. It is widely used for DNA detection and separation, and molecular testing in the nucleic acid analysis, purification and preparation experiment.

### ET-H1 Horizontal Electrophoresis Tank

#### Features:

- \* Abundant buffer not only guarantees cooling effects, but also keeps the pH Value stable during the whole experiment process.
- \* Dismountable electrodes make maintenance easily.
- \* The PC transparent top lid prevents liquid volatilization and electricity leakage.
- \* Auto-switch-off when the lid is removed
- \* Recommended power supply: BPS-1/BPS-2



#### Technical Parameters:

Model	ET-H1
Gel Trays(W*L)	48*75mm
Buffer Volume	150ml
Comb Thickness	1&1.5mm
Comb Throughput	3, 5, 9 samples
NO. of Samples	3~18
Standard Accessories	Body tank with electrode*1, Gel tray 48*75mm*1, Gel box*1, 1.0mm thickness 3 wells comb*2, 1.5mm thickness 3 wells comb*2, 1.0mm thickness 5 wells comb*2, 1.5mm thickness 5 wells comb*2, 1.0mm thickness 9 wells comb*2, 1.5mm thickness 9 wells comb*2
External Size(L*W*H)	250*95*50mm
Package Size(L*W*H)	320*160*160mm
Gross Weight	1kg