



Electronic Analytical Balance

CATALOG

2009-2010

Shanghai Ronbio Scientific Co., Limited

www.ronbio.com

Tel: 0086 21-52950439 Fax: 0086 21 64609656

(FA) Electronic Analytical Balance



- ⌘ Electromagnetic transducer
- ⌘ Auto zero-tracking
- ⌘ Auto-calibration
- ⌘ Zero in range ability
- ⌘ Dynamic temperature compensation
- ⌘ Automatic trouble diagnosis
- ⌘ LCD display
- ⌘ Over-loading protection
- ⌘ Over-loading warning
- ⌘ RS232 communication
- ⌘ Built-in underhook
- ⌘ Unit conversion (g / oz / ct / kg / lb)
- ⌘ Weighing / piece counting / percentage weighing

	FA1004	FA1104	FA1604	FA2004	FA2104	FA2104S
Weighing Capacity (g)	100	110	160	200	210	60/210
Readability(mg)	0.1	0.1	0.1	0.1	0.1	0.1/1
Repeatability(≤mg)	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1/±1
Linearity(≤mg)	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2/±2
Pan Size(mm)	Φ90	Φ90	Φ90	Φ90	Φ90	Φ90
Gross Weight(kg)	9.9					
Net Weight(kg)	7.9					
Dimension (mm)	195×445×300					

(JA) Electronic Precision Balance



- ⌘ Ultra-thin electromagnetic transducer
- ⌘ Auto zero-tracking
- ⌘ Auto-calibration
- ⌘ Zero in range ability
- ⌘ Dynamic temperature compensation
- ⌘ Automatic trouble diagnosis
- ⌘ LCD display
- ⌘ Over-loading protection
- ⌘ Over-loading warning
- ⌘ RS232 communication
- ⌘ Built-in underhook
- ⌘ Unit conversion (g / oz / ct / kg / lb)
- ⌘ Weighing / piece counting

	JA1003	JA1203	JA2003	JA3003	JA4103	JA5003
Weighing Capacity (g)	100	120	200	300	410	500
Readability(g)	0.001	0.001	0.001	0.001	0.001	0.001
Repeatability(≤g)	±0.001	±0.001	±0.001	±0.001	±0.001	±0.001
Linearity(≤g)	±0.002	±0.002	±0.002	±0.002	±0.002	±0.002
Pan Size (mm)	Φ110	Φ110	Φ110	Φ110	Φ110	Φ110
Gross Weight(kg)	9.0					
Net Weight (kg)	6.8					
Volume (m3)	0.0956					
Dimension (mm)	212×330×323					
Packing Measurement (mm)	490×390×500					

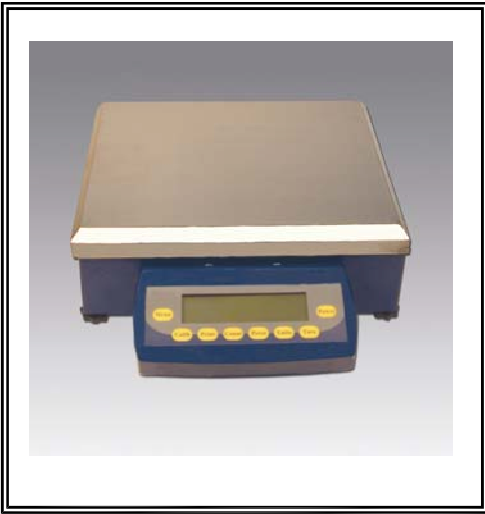
Electronic Precision Balance



- ⌘ Patented sensing technology - ceramic variable capacitance
- ⌘ Temperature compensation calibration
- ⌘ Remote control via RS232 interface
- ⌘ Over-loading / impact protection

	MP1100B	JA12002	JA21002	JA31002	JA41002	JA50002
Weighing Capacity (g)	1100	1200	2100	3100	4100	5000
Readability(g)	0.01	0.01	0.01	0.01	0.01	0.01
Repeatability(≤g)	±0.01	±0.01	±0.01	±0.01	±0.01	±0.01
Linearity(≤g)	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02
Pan Size (mm)	Φ158	Φ158	Φ158	Φ158	Φ158	Φ158
Gross Weight(kg)	4.0					
Net Weight(kg)	2.9					
Volume (m3)	0.0294					
Dimension (mm)	200×270×80					
Packing Measurement (mm)	450×310×240					

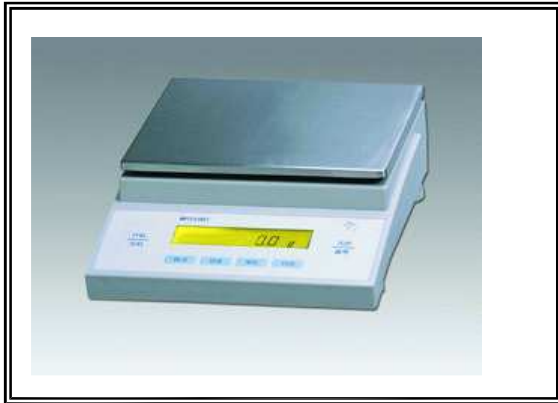
(JA) Electronic Precision Balance



- ⌘ **RS232 Communication**
- ⌘ **LCD display**
- ⌘ **Over-loading / impact protection**
- ⌘ **Unit conversion (g / oz / ct / kg / lb)**
- ⌘ **Weighing / piece counting / percentage weighing**
- ⌘ **Independent monitor**
- ⌘ **Stainless large pan**

	JA10K-1	JA20K-1	JA30K-1	JA50K-5
Weighing Capacity (g)	10000	20000	30000	50000
Readability(g)	0.1	0.1	0.1	0.5
Repeatability(≤g)	±0.1	±0.1	±0.1	±0.5
Linearity(≤g)	±0.2	±0.2	±0.2	±1
Pan Size (mm)	275×327	275×327	275×327	275×327

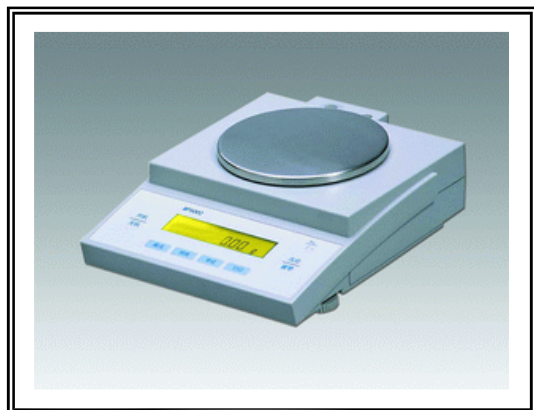
(MP) Electronic Balance



- ⌘ LCD display
- ⌘ Zero in range ability
- ⌘ Auto zero-tracking
- ⌘ Auto-calibration
- ⌘ Automatic trouble diagnosis
- ⌘ Built-in underhook (optional)
- ⌘ Over-loading protection
- ⌘ RS232 communication (optional)
- ⌘ Weighing / piece counting / percentage weighing

	Weighing Capacity (g)	Gross weight (kg)	Net Weight (kg)	Volume (m³)	Dimension (mm)	Packing Measurement (mm)
MP2000D	2000	2.8	1.9	0.0265	190×250×75	420×300×210
MP21001	2100	2.8	1.9	0.0265		
MP31001	3100	2.8	1.9	0.0265		
MP41001	4100	2.8	1.9	0.0265		
MP51001	5100	2.8	1.9	0.0265		
MP61001	6100	2.8	1.9	0.0265		
MP2000	2000	2.6	1.8	0.0265		
MP6000	6000	2.6	1.8	0.0265		
MP10K	10000	2.6	1.8	0.0265		

(MP) Electronic Balance



- ⌘ LCD display
- ⌘ Zero in range ability
- ⌘ Auto zero-tracking
- ⌘ Auto-calibration
- ⌘ Automatic trouble diagnosis
- ⌘ Built-in underhook (optional)
- ⌘ Over-loading protection
- ⌘ RS232 communication (optional)
- ⌘ Weighing / piece counting / percentage weighing

	Weighing Capacity (g)	Gross weight (kg)	Net Weight (kg)	Volume (m ³)	Dimension (mm)	Packing Measurement (mm)
MP1002	100	2.9	1.5	0.0265	190×250×75	420×300×210
MP2002	200	2.9	1.5	0.0265		
MP3002	300	2.9	1.5	0.0265		
MP4002	400	2.9	1.5	0.0265		
MP5002	500	2.9	1.5	0.0265		
MP2001	200	2.9	1.5	0.0265		
MP6001	600	2.9	1.5	0.0265		
MP10001	1000	2.9	1.5	0.0265		
MP12001	1200	2.9	1.5	0.0265		

Counting Balance

- ⌘ **Three windows (quantity, unit weight, total weight)**
- ⌘ **LCD display**
- ⌘ **Built-in rechargeable battery**
- ⌘ **RS232C communication**
- ⌘ **Unit conversion**



	Weighing Capacity (Kg)	Readability (g)	Repeatability (≤g)	Pan Size (mm)
MP3KC	3	0.1	±0.1	238×286
MP6KC	6	0.2	±0.2	238×286
MP15KC	15	0.5	±0.5	238×286
MP30KC	30	1	±1	238×286



	Weighing Capacity (Kg)	Readability (g)	Repeatability (≤g)	Pan Size (mm)
MP60KC	60	5	±5	420×520
MP100KC	100	5	±5	420×520
MP150KC	150	10	±10	420×520
MP200KC	200	10	±10	420×520
MP300KC	300	20	±20	450×650

Electronic Balance



- ⌘ LCD display
- ⌘ Built-in rechargeable battery
- ⌘ RS232 communication
- ⌘ Unit conversion

	Weighing Capacity (Kg)	Readability (g)	Repeatability (≤g)	Linearity(≤mg)	Pan Size(mm)
MP60K	60	5	±5	±10	420×520
MP100K	100	5	±5	±10	420×520
MP150K	150	10	±10	±20	420×520
MP200K	200	10	±10	±20	420×520
MP300K	300	20	±20	±40	450×650

Electronic Specific Gravity/Density Balance

The technical equipments provide the precise and simple determination of solid and liquid samples



Density determination kit for liquid

- ⌘ **Dimensions (mm): 176×145×200**
- ⌘ **Beaker size (mm): Φ60×118**
- ⌘ **Plummet size (cm³): 2.5, 5, 10**
- ⌘ **Standard plummet for the liquid $\rho \leq 7.5$**

Density determination kit for solid

- ⌘ **Dimensions (mm): 176×145×200**
- ⌘ **Beaker size (mm): Φ80×108**
- ⌘ **Pan size of density determination kit (mm): Φ50**
- ⌘ **Two categories for measuring solids density, one for $\rho > 1$ and another one for $\rho \leq 1$**

	MP3002J	MP4002J	MP5002J
Weighing Capacity (g)	300	400	500
Readability(g)	0.01	0.01	0.01
Output Interface	RS232	RS232	RS232
Quantity in air (g)	≥0.25	≥0.25	≥0.25
Aquatic buoyancy	< -0.125	< -0.125	< -0.125
Gross Weight(kg)	4.4		
Net Weight (kg)	2.1		
Volume (m³)	0.0480		
Dimension (mm)	190×250×265		
Packing Measurement (mm)	410×300×390		