

Balances





ANALYTICAL BALANCE

Analytical balances provide high-precision weighing for laboratories, research facilities, and industrial applications. Designed for accuracy and reliability, these balances feature advanced electromagnetic force compensation technology, multiple weighing modes, and user-friendly.



LED DISPLAY

INT & EXTERNAL CAL

OVERLOAD PROTECTION

MULTIPLE MODES

TECHNICAL SPECIFICATIONS

Models	FA1004	FA1204 FA1204N	FA2004	FA2204 FA2204N
Max Capacity	100g	120g	200g	220g
Min Readout	0.01g			
Accuracy	0.1mg			
Repeatability	±0.0002g			
Linearity Error	±0.0003g			
Stability Time	≤3S			
Working Temp.	15°C ~ 35°C			
Pan Size	Standard model Ø80mm / Optional model Ø90mm			
Dimensions	300 x 200 x 295 mm			
Power Supply	Power Adapter			
Calibration Mode	External Calibration (FA Series) / Internal calibration (FA-N Series)			
Gross Weight	6.0kg			
Nett Weight	5.0kg			
Packing Size	425 x 320 x 415 mm			
Communication Interface	RS232 (USB interface optional)			



0.001g analytical balances provide precise weighing for laboratory and research applications. Features include dual backlit displays, multiple weighing units, counting functions, overload protection, stainless steel weighing pans, and a full glass windscreen.



DUAL DISPLAY

BATTERY OPERATED

RS-232 / USB OPTION

EXTERNAL CAL

TECHNICAL SPECIFICATIONS

Models	FA1003	FA2003	FA3003	FA5003
	FA1003S	FA2003S	FA3003S	FA5003S
Max Capacity	100g	200g	300g	500g
Min Readout	20mg			
Accuracy	0.001g			
Repeatability	±0.0002g			
Linearity Error	±0.0002g			
Stability Time	≤3s			
Working Temp	15°C ~ 35°C			
Pan Size	Ø90mm			
Dimensions	320 x 195 x 280 mm			
Power Supply	Power adapter & 1.5V dry battery x4			
Calibration Mode	External calibration			
Gross Weight	4.0kg			
Nett Weight	3.0kg			
Packing size	375 x 255 x 340 mm			
Communication Interface	RS232 (USB interface optional)			



SEMI-MICRO BALANCES

The Semi-Micro Dual range analytical balances deliver exceptional precision for laboratory weighing applications. Features include electromagnetic force technology, internal calibration, antistatic windshield, detachable display, RS232/USB connectivity, and advanced weighing modes including density determination and pipette calibration.



DUAL RANGE 0.1MG/0.01MG

INT & EXTERNAL CAL

OVERLOAD PROTECTION

DETACHABLE CONTROLS

TECHNICAL SPECIFICATIONS

Models	CEB1035	CEB1055	CEB1085
	CEB1035N	CEB1055N	CEB1085N
Weighing Range	120g/31g	120g/51g	120g/81g
Accuracy	0.1mg/0.01mg		
Stability Time	±2s		
Preheating Time	30-60min		
Weighing Unit	g/oz/ct/mg/customized		
Minimum Value	0.1mg/0.01mg		
Repeatability	±0.1mg/±0.03mg		
Linear Error	±0.2mg/±0.03mg		
Calibration Mode	External Calibration (CEB Series) / Internal calibration (CEB-N Series)		
Output Interface	RS232 / USB standard configuration		
Pan Size	Ø90mm		
Product Size	220 x 403 x 310mm		
Nett Weight	6.28 kg		
Power Supply	AC 110V-240V		



TECHNICAL SPECIFICATIONS

Models	CEB2035	CEB2055	CEB2085
	CEB2035N	CEB2055N	CEB2085N
Weighing Range	220g/31g	220g/51g	220g/81g
Accuracy	0.1mg/0.01mg		
Stability Time	±2s		
Preheating Time	30-60min		
Weighing Unit	g/oz/ct/mg/customized		
Minimum Value	0.1mg/0.01mg		
Repeatability	±0.1mg/±0.03mg		
Linear Error	±0.2mg/±0.03mg		
Calibration Mode	External Calibration (CEB Series) / Internal calibration (CEB-N Series)		
Output Interface	RS232 / USB standard configuration		
Pan Size	Ø90mm		
Product Size	220 x 403 x 310mm		
Nett Weight	6.28 kg		
Power Supply	AC 110V-240V		

PRECISION BALANCES

Precision balances provide accurate and reliable weighing for laboratories and industrial applications. Features include a backlit LCD display, stainless steel platform, multiple weighing modes, overload protection, glass windshield, and durable construction.



LCD DISPLAY

S/S WEIGHING PAN

DRAFT SHIELD OPTIONS

MULTIPLE MODES



TECHNICAL SPECIFICATIONS

Model	Capacity (g)	Accuracy (g)	Pan size (mm)	Dimensions (mm)
JNB2001	200	0.1	115	200 x 265 x 75
JNB5001	500	0.1	128	200 x 265 x 75
JNB10001	1000	0.1	128	200 x 265 x 75
JNB12001	1200	0.1	128	200 x 265 x 75
JNB20001	2000	0.1	128	200 x 265 x 75
JNB30001	3000	0.1	128	200 x 265 x 75



TECHNICAL SPECIFICATIONS

Model	Capacity (g)	Accuracy (g)	Pan size (mm)	Dimensions (mm)
JNB1002	100	0.01	115	200 x 265 x 140
JNB2002	200	0.01	115	200 x 265 x 140
JNB3002	300	0.01	115	200 x 265 x 140
JNB5002	500	0.01	128	200 x 265 x 140
JNB6002	600	0.01	128	200 x 265 x 140
JNB10002	1000	0.01	128	200 x 265 x 140
JNB20002	2000	0.01	128	200 x 265 x 140
JNB30002	3000	0.01	128	200 x 265 x 140
JNB1003	100	0.001	90	200 x 265 x 140
JNB2003	200	0.001	90	200 x 265 x 140



LABORATORY SCALES

High-capacity laboratory scales provide accurate weighing from 5-30kg with 0.1g readability. Designed for laboratories and industrial environments, they feature durable platforms, user-friendly displays, stable performance, and reliable results for daily weighing applications.



5-30KG MAX LOAD

S/S WEIGHING PAN

EASY TO USE

SQUARE PAN

TECHNICAL SPECIFICATIONS

Model	Capacity (g)	Accuracy (g)	Pan size (mm)	Dimensions (mm)
JNB50001	5000	0.1	160 x 180	280 x 200 x 80
JNB100001	10000	0.1	160 x 180	280 x 200 x 80
JNB150001	15000	0.1	160 x 180	280 x 200 x 80
JNB200001	20000	0.1	175 x 160	280 x 200 x 80
JNB300001	30000	0.1	175 x 160	280 x 200 x 80



MOISTURE ANALYZER

Moisture balances provide fast and accurate moisture determination for laboratory and industrial applications. Featuring halogen heating technology, user-friendly operation, multiple protection systems, and stable performance for reliable sample testing and quality control.



LED DISPLAY

OVERLOAD PROTECTION

DOOR LOCK

HALOGEN LAMP



Moisture balances deliver precise moisture analysis for laboratories, food production, pharmaceuticals, and industrial quality control. Advanced halogen heating ensures rapid and uniform drying, while intuitive controls, overload protection, durable construction, and programmable testing parameters support reliable daily moisture determination across a wide range of sample types and applications.

TECHNICAL SPECIFICATIONS

Model	MBA1102	MBA1102a	MBA1103	MBA1103 (HBM)
Capacity	110g			
Readability	0.01g	0.005g	0.001g	0.001g
Sensor	Load Cell			HBM
Pan Size	Ø96mm			
Display	5 inch touch screen			
Heating Source	Halogen lamp			
Temp.= Sensor	PT100			
Temp Range	40°C-160°C			
Temp. Accuracy	1°C			
Moisture / Testing Range	90.00%-10.00%	95.00%-5.00%	100.00%-0.00%	100.00%-0.00%
Moisture Readability	0.10%	0.05%	0.01%	0.01%
Dry% Readability	0.10%	0.05%	0.01%	0.01%
Storage	20			
Analysis Curve	Real time dynamic curve			
Testing Height	30mm			
Size	336 x 185 x 165mm			
Packing Size	415 x 310 x 255mm			
Gross Weight	4.0kg			

