

# ANALYTICAL BALANCE



# ANALYTICAL BALANCE

Analytical Balances are designed to meet the specific weighing requirement in the laboratory working environment. Performance, durability, robust, easy-to-use, precise results, efficient handling, space saving makes analytical balance an ideal choice.

Used in Totalization, Formulation, SQC, Industry, Laboratory, Research.

Also known as Lab Balance, Laboratory Analytical Balance, Analytical Scale, Laboratory Analytical Scale.

## BAL11 ANALYTICAL BALANCE

Aluminum shell, Anti-jamming, Anti-radiation

The multiple functions modes with tare, counting, unit conversion and weighing



### SPECIFICATIONS

Model	BAL11-110	BAL11-210
Capacity (g)	110 g	210 g
Resolution (g)	0.001 g	
Min Weighing (g)	0.004 g	
Stable Time	≤3 sec	
Display	LED(Green) / LCD(white back light with black font)	LCD(white back light with black font)
Sensor	Load Cell	
Pan Size	Φ 80 / Φ 90 mm	
Operation Temperature	5-25°C	
Repeatability	±0.002 g	
Liner	±0.003 g	
Cal. Weight	100 g	200 g
Overall Dimension	240x190x265 mm	
Packing Size	Inside: 415x285x430 mm Outside: 475x315x485 mm	
Gross Weight	7.5 kg	

### OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS53461	RS232C & RS485 Interface	
LS53473	Printer	



BAL11-110



BAL11-210

## BAL11 ANALYTICAL BALANCE

Aluminum shell, Anti-jamming, Anti-radiation

The multiple functions modes with tare, counting, unit conversion and weighing

It is a magnetic sensor.



### SPECIFICATIONS

Model	BAL11-300	BAL11-500
Capacity (g)	300 g	500 g
Resolution (g)	0.001 g	
Min Weighing (g)	0.004 g	
Stable Time	≤3 sec	
Display	LCD(white back light with black font)	
Sensor	Magnet	
Pan Size	Φ 80 / Φ 90 mm	
Operation Temperature	5-25°C	
Repeatability	±0.002 g	
Liner	±0.003 g	
Cal. Weight	200 g	
Overall Dimension	240x190x265 mm	
Packing Size	Inside: 415x285x430 mm Outside: 475x315x485 mm	
Gross Weight	10 kg	

### OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS53461	RS232C & RS485 Interface	
LS53473	Printer	



BAL11-300



BAL11-500

## BAL12 ANALYTICAL BALANCE

Electromagnetic balanced sensors

The multiple functions modes with tare, counting, unit conversion and weighing

External Calibration



### SPECIFICATIONS

Model	BAL12-100	BAL12-120	BAL12-200
Capacity (g)	100 g	120 g	200 g
Resolution (g)	0.0001 g		
Min Weighing (g)	0.0004 g		
Stable Time	≤3 sec		
Display	LCD(white back light with black font)		
Pan Size	Φ 80 mm		
Operation Temperature	5-25°C		
Repeatability	±0.0002 g		
Liner	±0.0003 g		
Cal. Weight	100 g		200 g
Overall Dimension	240x190x265 mm		
Packing Size	Inside: 415x285x430 mm Outside: 475x315x485 mm		
Gross Weight	10 kg		

Model	BAL12-220	BAL12-200IC	BAL12-220IC
Capacity (g)	220 g	200 g	220 g
Resolution (g)	0.0001 g		
Min Weighing (g)	0.0004 g		
Stable Time	≤3 sec		
Display	LCD(white back light with black font)		
Pan Size	Φ 80 mm		
Operation Temperature	5-25°C		

Repeatability	±0.0002 g	
Liner	±0.0003 g	
Cal. Weight	200 g	Internal Calibration
Overall Dimension	240x190x265 mm	
Packing Size	Inside: 415x285x430 mm Outside: 475x315x485 mm	
Gross Weight	10 kg	

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS53461	RS232C & RS485 Interface	
LS53473	Printer	



BAL12-100



BAL12-120



BAL12-200



BAL12-220



BAL12-200IC



BAL12-220IC

## BAL13-200 ANALYTICAL BALANCE

Electromagnetic balanced sensors

The multiple functions modes with tare, counting, unit conversion and weighing



## SPECIFICATIONS

Model	BAL13-200
Capacity (g)	200 g
Resolution (g)	0.0001 g
Min Weighing (g)	0.0004 g
Stable Time	≤3 sec
Display	5 inch touch panel
Pan Size	Φ 80 mm
Operation Temperature	5-25°C
Repeatability	±0.0002 g
Liner	±0.0003 g
Cal. Weight	Internal Calibration
Overall Dimension	240x190x265 mm
Packing Size	Inside: 415x285x430 mm Outside: 475x315x485 mm
Gross Weight	10 kg

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS53461	RS232C & RS485 Interface	
LS53473	Printer	

## BAL13-220 ANALYTICAL BALANCE

Electromagnetic balanced sensors

The multiple functions modes with tare, counting, unit conversion and weighing

Standard RS232 interface output(optional)

Density test/Counting Test/Percentage Test



## SPECIFICATIONS

Model	BAL13-220
Capacity (g)	220 g
Resolution (g)	0.0001 g
Min Weighing (g)	0.0004 g
Stable Time	≤3 sec
Display	5 inch touch panel
Pan Size	Φ 80 mm
Operation Temperature	5-25°C

Repeatability	±0.0002 g
Liner	±0.0003 g
Cal. Weight	Internal Calibration
Overall Dimension	240x190x265 mm
Packing Size	Inside: 415x285x430 mm Outside: 475x315x485 mm
Gross Weight	10 kg

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS53461	RS232C & RS485 Interface	
LS53473	Printer	



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