

ANALYTICAL BALANCES



ANALYTICAL BALANCES

These are the most accurate & precise balances which are widely used in laboratories for weighing of the given samples. These are totally enclosed hence it prevents the entry of dust or any other particles. Therefore, these are more sensitive to the changes and detects the variations of the samples quickly and precisely than the toploading balances.

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

Also known as Lab Balances, Laboratory Analytical Balances, Analytical Scales, Laboratory Analytical Scales.

LTBAL8 ANALYTICAL BALANCE

Aluminum shell, Anti-jamming, Anti-radiation

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



SPECIFICATIONS

Model	LTBAL8-1	LTBAL8-2
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
3800808008	RS232C & RS485 Interface
3800808009	Printer



LTBAL8-1



LTBAL8-2

LTBAL8 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	LTBAL8-3	LTBAL8-4
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
3800808008	RS232C & RS485 Interface
3800808009	Printer



LTBAL8-3



LTBAL8-4

LTBAL8 ANALYTICAL BALANCE

Electromagnetic balanced sensors

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

External Calibration



SPECIFICATIONS

Model	LTBAL8-5	LTBAL8-6	LTBAL8-7
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	LTBAL8-8	LTBAL8-9	LTBAL8-10
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
3800808008	RS232C & RS485 Interface
3800808009	Printer



LTBAL8-5



LTBAL8-6



LTBAL8-7



LTBAL8-8



LTBAL8-9



LTBAL8-10

LTBAL8-11 ANALYTICAL BALANCE

Electromagnetic balanced sensors

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



SPECIFICATIONS

Model	LTBAL8-11
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
3800808008	RS232C & RS485 Interface
3800808009	Printer

LTBAL8-12 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	LTBAL8-12
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
3800808008	RS232C & RS485 Interface
3800808009	Printer



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