

LAB1ST



Analytical Balance



Labfirst Scientific Instruments (Shanghai) Co., Ltd.

Analytical Balance (Φ80mm)

High-performance analytical balances are equipped with highly integrated load cells that are highly stable against temperature changes and the passage of time, and respond quickly due to reduced mass and total number of components.



Optional: Electrostatic Eliminator



Product Features

- Automatic internal calibration function, so as to ensure that the measurement is always accurate, and it is really no longer affected by the change of ambient temperature.
- Equipped with backlit LCD display
- A windshield that protects the high-volume internal measurement chamber.
- Each balance is equipped with RS232 output interface

Model	PR314	PR414	PR514	PR1104
Capacity (g)	310	410	510	1100
Resolution(g)			0.1mg	
Min weighing (g)			0.4mg	
Stable Time			≤4s	
Display		LCD (green back light with black font)		
Pan size		Φ80mm		
Operation temp		5-25 C		
Repeat ability		0.1mg, weight≤220g 0.1m, weight: 220g~310g 0.35mg, weight: 310g~610g		
Liner		± 0,0005mg		
Draft shield size		162mm×171mm×225mm		
Cal.weight		External (Internal) Calibration		
Option		RS232C & RS486, Printer		
Dimension		345×215×345mm; Package Size: 485×360×510mm		
N . weight		7 kg		
Power Supply		110-230V 50/60Hz Out: 24 V / 500 mA / 13 VA		

Analytical Balance

(Touch Screen; Aluminum shell; $\Phi 80\text{mm}$)



Dedicated power cord



Level adjustment bubble



Anti-slip foot pad

Product Features

- Internal auto calibration
- 5 inch touch panel
- One key/ Time trigger internal calibration
- Electromagnetic force sensor
- Aluminum shell/ Large space wind proof cover
- Tare function/ Counting/ Density/ Percentage
- Unit conversion(g/mg/ct/oz)...
- Under weighing
- Sensitivity/ Speed set
- Overload alarm/ Fault alarm/ Level indicator
- Option: Density kit (Solid/ Liquid)



power cord

F1 class stainless steel weight

a glove

stainless steel weighing pan

Parameter

Specifications	PR104T-Alumin	PR204T-Alumin	PR224T-Alumin
Capacity	100g	200g	220g
Resolution		0.0001g	
Min weighing		0.0004g	
Stable Time		≤3s	
Repeat ability		±0.0002g	
Liner		±0.0003g	
Pan size		Φ80mm	
Temperature		15-35 C	
Draft shield size		240x190x265mm	
Dimension		340x215x350mm	
Option		Printer	
Calibration		Internal Calibration	
Cal.weight	100g	200g	
Communication		RS232C (Standard) , USB/Printer(Optional)	
Packing Size		In:415x285x430mm Ex:475x315x485mm	
G. weight		11kg	



Analytical Balance

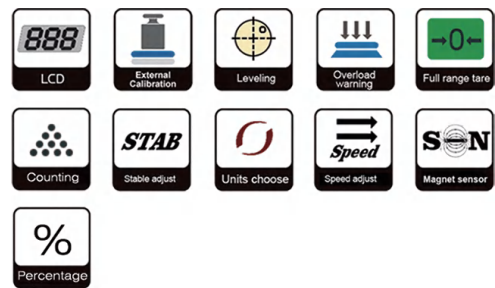
(Aluminum shell;Φ80mm)

This balance combines practicality and aesthetics. The cast-aluminum outer covering can largely enhance the balance of the anti-static and anti-jamming capability. The panel with five operational button and sliding glass windscreen provide bigger space and help you operate more easily. In addition, high precision magnet sensor is used to keep the weighing more fast and stable.



Product Features

- Electromagnetic sensor
- Aluminum shell / Large space / Wind proof cover
- LCD (White back light with black font)
- Tare function / Counting / Unit conversion (g/mg/ct/oz)
- Sensitivity / Speed set
- Overload alarm / Fault alarm / Level indicator

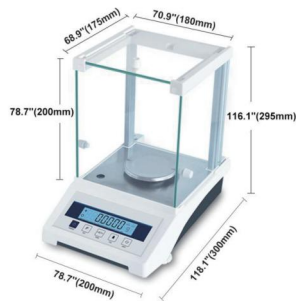


Parameter

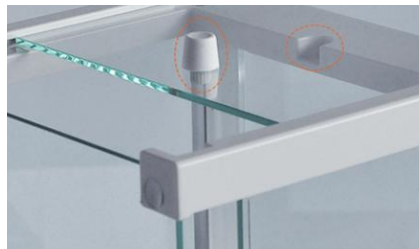
Specifications	PR104-Alumin	PR124-Alumin	PR204-Alumin	PR224-Alumin
Capacity (g)	100	120	200	220
Resolution (g)	0.0001			
Min weighing (g)	0.0004			
Stable Time	≤3s			
Display	LCD (white back light with black font)			
Pan size	Φ80mm			
Operation temp	5-25℃			
Repeat ability	±0.0002g			
Liner	±0.0003g			
Draft shield size	240mmx190mmx265mm			
Calibration	Internal Calibration			
Cal.weight	100g			200g
Option	RS232C & RS486、Printer			
Packing size	Inside: 415x285x430mm Outside: 475x315x485mm			
G . weight	10kg			

Analytical Balance

(External Calibration ;Φ80mm)



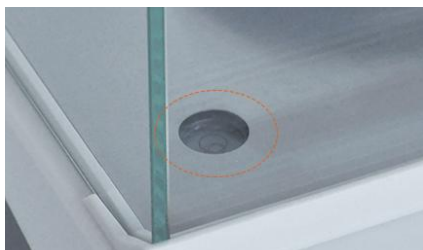
Adjust Feet



Top Window



LCD Display



Leveling



Interface

Product Features

- External calibration
- Electromagnetic force sensor
- LCD (White back light with black font)
- Tare function/ Counting/ Unit conversion
- Sensitivity/ Speed set/ Percentage
- Print function (baud rate setting, Continuous communication or press communication)
- Overload alarm/ Fault alarm/ Level indicator
- Option: USB/ printer

Parameter

Model	PR104E	PR114E	PR124E	PR204E
Capacity(g)	100	110	120	200
Resolution(g)	0.0001g			
Min weighing(g)	0.0004g			
Stable Time	≤3s			
Display	LCD (white back light with black font)			
Pan size	Φ80mm(Standard); Φ90mm(option)			
Operation temp	5-35 C			
Repeat ability	±0.0002g			
Liner	±0.0003g			
Draft shield size	180x175x200mm			
Dimension	300x200x295mm			
LCD Size	96X24mm			
Cal.weight	External Calibration			
Interface	RS232C (Standard), USB/Printer(Optional)			
Packing Size	425x320x415mm			
G. weight	6kg			

Model	PR214E	PR224E	PR503E
Capacity(g)	210	220	500
Resolution(g)	0.0001g		0.001g(1mg)
Min weighing(g)	0.0004g		0.004g
Stable Time	≤3s		
Display	LCD (white back light with black font)		
Pan size	Φ80mm(Standard); Φ90mm(option)		
Operation temp	5-35 C		
Repeat ability	±0.0002g		±0.002g
Liner	±0.0003g		±0.003g
Draft shield size	180x175x200mm		180x175x200mm
Dimension	300x200x295mm		300x200x295mm
LCD Size	96X24mm		
Cal.weight	External Calibration		
Interface	RS232C (Standard), USB/Printer(Optional)		
Packing Size	425x320x415mm		
G. weight	6kg		8kg