

Laboratory Equipments - Balances - 02 Lab Weighting

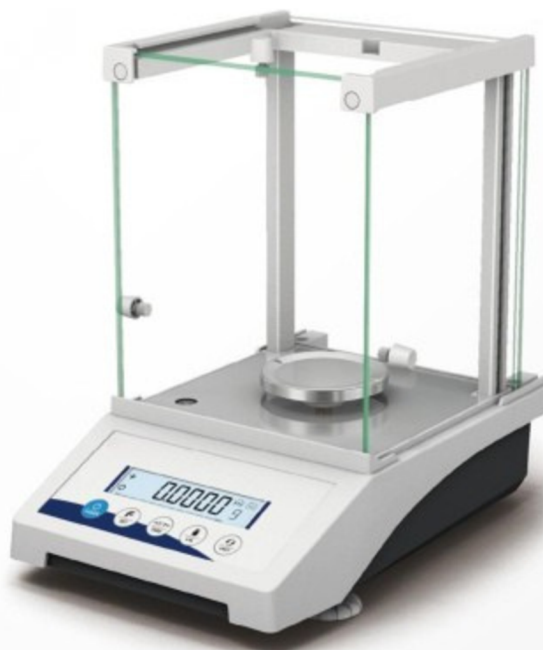
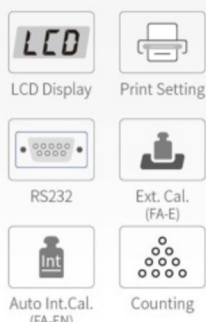
## FA SERIES

### Internal Calibration Analytical Balance

The FA-E/FA-EN is a new-generation basic balance with a fourth-generation ultra-thin electromagnetic force balance sensor. It is compact, highly sensitive, safe for transportation, and adaptable to various working areas.

#### Functional Settings

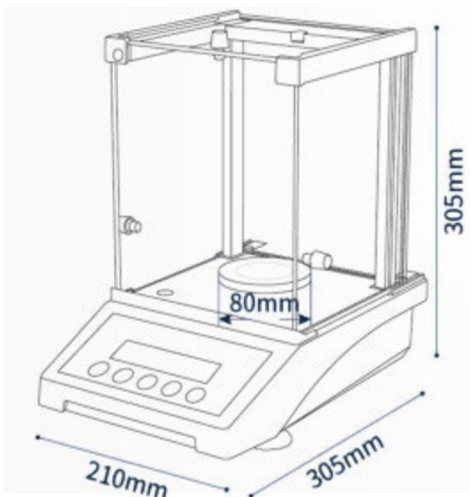
- Unit Conversion
- Peak Hold
- Estimation Digit display function(optional)
- Internal Calibration Time Setting(FA-EN)
- Stability Setting
- Baud Rate Setting
- Counting Function
- External Calibration
- Percentage Function
- Print Setting
- Speed Setting
- Factory Setting



#### Technical Specifications

|             | FA1004E<br>FA1004EN | FA1204E<br>FA1204EN | FA2004E<br>FA2004EN | FA2204E<br>FA2204EN |
|-------------|---------------------|---------------------|---------------------|---------------------|
| Capacity    | • 100g              | • 120g              | • 200g              | • 220g              |
| Readability | • 0.0001g           | • 0.0001g           | • 0.0001g           | • 0.0001g           |
| Cal. Weight | • 100g              | • 100g              | • 200g              | • 200g              |

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Min weight            | 0.01g                                                  |
| Repeatability         | ±0.0002g                                               |
| Linearity             | ±0.0003g                                               |
| Display Mode          | HD LCD                                                 |
| Pan Size              | φ80mm(Standard), φ90mm(Optional)                       |
| Cal. Mode             | FA-E-External calibration / FA-EN-Internal calibration |
| Stable Time           | ≤3s                                                    |
| Working Temp.         | 18~23°C                                                |
| Inferface             | RS232                                                  |
| Power                 | 100-240V 50/60Hz                                       |
| Display Screen Size   | 96*24mm                                                |
| Windshield Dimensions | 175*165*200mm(Inner)                                   |
| Product Dimensions    | 305*210*305mm                                          |
| Packing Dimensions    | 425*310*410mm(Single package)                          |
| Gross Weight          | 6kg                                                    |



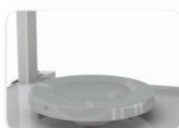
**three-sided opening**  
Three-door glass and slot  
Convenient for placing items



**Level bubble**  
Adjust the balance for more accurate measurement



**Glass extension track**  
Prevent the glass door from sliding



**304 stainless steel pan**  
Standard φ80mm  
Optional φ90mm



#### Features and Advantages

- Electromagnetic force sensor
- Wide-angle LCD HD display
- Fully automatic timed internal calibration/one-click calibration(FA-EN)
- Tare function
- Counting function-fast and accurate,improving work efficiency
- Percentage weighing-ensuring the accuracy of the formula
- RS232 port-connects printers,computers and central control devices to transmit data
- Common unit conversions (g/mg/ct/oz)...
- Peak hold-locks the displayed maximum value to help users better understand and analyze experimental data
- Print settings-can convert to continuous real-time, continuous stable and single-point output
- Baud Rate:1200,2400,4800,9600
- Overload alarm / Fault alarm - protect the balance from damage and enhance the safety of use
- The display speed/sensitivity is adjustable - to meet different weighing requirements
- Option:printer

