PRODUCT ADVANTAGE

✧ The high-precision, high-resolution rear-mounted electromagnetic force sensor ensures the accuracy, stability and fast response of the weighing results.

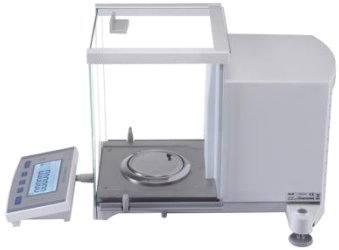
✧ Unique split design

The display unit is separated from the weighing unit to avoid vibrations on the balance when pressing buttons, and the measurement process can be monitored from multiple angles.

✧ Optimized micro-sampling and weighing function

Using the latest digital processing technology, while maintaining the stability of the balance reading, it greatly improves the response speed to micro-dosing;

it keeps the customer's sample volume consistent with the reading of the balance, and is suitable for micro-dosing of powders and liquids, with excellent performance accuracy.



✧ LCD display

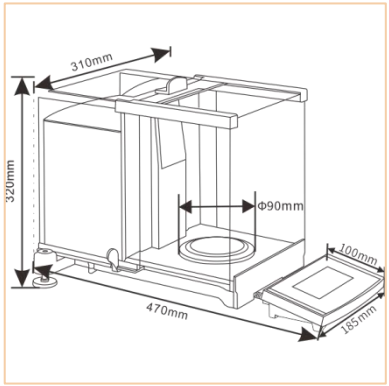
Using LCD display, the screen is clear and bright, and the layout is reasonable, making it convenient for users to read weighing results.

✧ Clear glass windshield

The sample during the weighing process can be seen from all directions, and can also be disassembled and cleaned to achieve quick cleaning.

✧ Multiple weighing modes

Basic weighing, percentage weighing, check weighing mode, counting weighing.



✧ Multiple weighing unit conversion functions

Units such as grams (g), carats (Ct), ounces (oz), and pounds (lb) can be switched freely.

✧ Built-in RS232 two-way communication interface

It can realize the connection between the balance and the computer and micro printer. Weighing results can also be transferred to other open applications such as PC.

✧ Fully automatic calibration system

When the temperature change exceeds 1.5 ℃ or the time since the last calibration exceeds 2 hours, the balance will automatically start the calibration function, avoiding the potential factors of failure to perform regular calibration or inaccurate external weights, making the user's weighing results more accurate and reliable, and Reduce unnecessary operations (only for internal calibration balances).

Readability 0.1mg Analytical Balance Technical Parameters

Model	QL-E120B	QL-E210B	QL-E220B	QL-E320B	QL-E120A	QL-E210A	QL-E220A	QL-E320A
Measuring Range	120g	210g	220g	320g	120g	210g	220g	320g
Readability	0.1mg							
Repeatability	±0.1mg							
Linear Error	±0.2mg							
Calibration Method	External weight calibration				Automatic internal calibration			
Operating Temperature Range	10℃~30℃							
Operating Humidity Range	20%RH~80%RH							
Response Time (Average)	2.5s							
Sample Pan Size	Φ90mm							
Dimensions	470mm×310mm×320mm							
Display Size	185mm×100mm							
Weighing Chamber Height	240mm							
Power on warm-up time	30-60 min							
DC Adapter	Input：220V AC/50HZ；Output：12V DC/2A							
Baud Rate	300、600、1200、2400、4800、9600							
Accuracy Level	I class							

Readability 0.01mg/0.1mg Analytical Balance Technical Parameters: Automatic Internal Calibration

Model	QL1035A	QL1055A	QL1085A	QL2035A	QL2055A	QL2085A	QL1205A
Measuring Range (g)	31/120	51/120	82/120	31/210	51/210	82/210	120
Readability (mg)	0.01/0.1						0.01
Repeatability (mg)	±0.02/±0.1	±0.03/±0.1	±0.05/±0.1	±0.02/±0.1	±0.03/±0.1	±0.05/±0.1	±0.05
Linear Error	±0.02/±0.1	±0.03/±0.1	±0.05/±0.1	±0.02/±0.1	±0.03/±0.1	±0.05/±0.1	±0.05
Calibration Method	Automatic internal calibration						
Operating Temperature Range	10℃~30℃						
Operating Humidity Range	20%RH~80%RH						
Response Time (Average)	2.5s / 6s						
Sample Pan Size	Φ90mm						
Dimensions	470mm×310mm×320mm						
Display Size	185mm×100mm						
Weighing Chamber Height	240mm						
Power on warm-up time	30-60 min						
DC Adapter	Input：220V AC/50HZ；Output：12V DC/2A						
Baud Rate	300、600、1200、2400、4800、9600						
Accuracy Level	Iclass						

Readability 0.01mg/0.1mg Analytical Balance Technical Parameters: External Weight Calibration

Model	QL1035B	QL1055B	QL1085B	QL2035B	QL2055B	QL2085B	QL1205B
Measuring Range (g)	31/120	51/120	82/120	31/210	51/210	82/210	120
Readability (mg)	0.01/0.1						0.01
Repeatability (mg)	±0.02/±0.1	±0.03/±0.1	±0.05/±0.1	±0.02/±0.1	±0.03/±0.1	±0.05/±0.1	±0.05
Linear Error (mg)	±0.02/±0.1	±0.03/±0.1	±0.05/±0.1	±0.02/±0.1	±0.03/±0.1	±0.05/±0.1	±0.05
Calibration Method	External weight calibration						
Operating Temperature Range	10℃~30℃						
Operating Humidity Range	20%RH~80%RH						
Response Time (Average)	2.5s / 6s						
Sample Pan Size	Φ90mm						
Dimensions	470mm×310mm×320mm						
Display Size	185mm×100mm						
Weighing Chamber Height	240mm						
Power on warm-up time	30-60 min						
DC Adapter	Input：220V AC/50HZ；Output：12V DC/2A						
Baud Rate	300、600、1200、2400、4800、9600						
Accuracy Level	Iclass						