Product Feature

◇ High-precision, high-resolution electromagnetic balance force sensors are used for weighing, which effectively ensures the accuracy, stability and response speed of weighing.

◇ Use a high-precision humidity sensor to effectively reduce the impact of environmental humidity on weighing;

◇ Use a high-sensitivity temperature sensor to effectively reduce the sensitivity to temperature changes.

◇ 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、density detection mode、check weighing、counting and weighing.

◇ Sensor protection device
Protect the sensor from damage during transportation of the balance.

◇ Optimized product structure design
The design strength is improved and it has anti-leakage, anti-static and anti-corrosion properties. All stainless steel density accessories, corrosion-resistant and oxidation-resistant
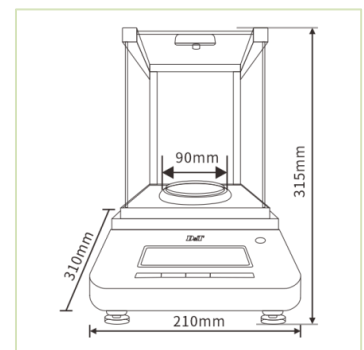
◇ Built-in RS232 two-way communication interface
It can realize the connection between the balance and the computer and micro printer. Weighing results can also be transferred to other open applications such as PC.

◇ Automatic calibration system (internal calibration only)
When the temperature change exceeds 1.5 ℃ or the time since the last calibration exceeds 2 hours, the balance automatically starts 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 reducing Unnecessary operation (only for internally calibrated balances).

Technical Parameter

Model	QL-J120	QL-J220	QL-J120A	QL-J220A
Measuring Range	120g	220g	120g	220g
Readability	0.1mg			
Repeatability	±0.2mg			
Linear Error	±0.2mg			
Calibration Method	External weight calibration		Automatic internal calibration	
Operating Temperature Range	10℃~30℃			
Operating Humidity Range	20%-85% relative (non-condensing)			
Response Time (average)	2.5s			
Sample Pan Size	Φ90mm			
Dimensions	210mm×310mm×315mm			
Weighing Chamber Height	210mm			
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			