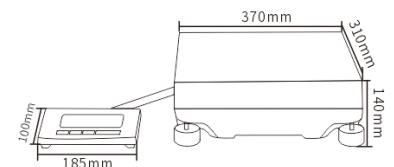# ADVANTAGE

➢ The gold-plated ceramic variable capacitance sensor effectively ensures the accuracy, stability and response speed of weighing.

➢ The applied high-precision humidity sensor effectively reduces the impact of environmental humidity on weighing.

➢ The applied high-sensitivity temperature sensor effectively reduces the sensitivity to temperature changes.

➢ Optimized product structure design
   The whole machine adopts a streamlined design with improved strength, anti-leakage, anti-static and anti-corrosion properties, and is suitable for use in a variety of occasions.

➢ LCD display
   Using LCD display, the screen is clear and bright, making it easy for users to read weighing results.

➢ Multiple weighing modes
   Basic weighing, piece counting, percentage weighing, and checkweighing modes.

➢ Stainless steel weighing pan
   Makes the sample stable, non-tilting, and corrosion-resistant.

➢ Multiple weighing unit conversion functions
   Gram (g), carat (Ct), ounce (oz), Benevit (dwt).

➢ 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.

➢ Wide range of applications
   Industrial metrology, special metal alloys, special parts, production ingredients, cast iron weight inspection and other industries.

TECHNICAL PARAMETER

Model	QL100K	QL150K	QL200K	QL500K	QL1000K	QL2000K
Measuring Range	100kg	150kg	200kg	500kg	1000kg	2000kg
Readability	1g	1g	2g	5g	10g	20g
Repeatability	±2g	±2g	±4g	±10g	±20g	±40g
Linear Error	±2g	±2g	±4g	±10g	±20g	±40g
Operating Temperature Range	13℃~25℃					
Operating Humidity Range	10%RH~70%RH					
Response Time (Average)	2.5s					
Display Size	185mm×100mm					
Weighing Pan Size	810mm×610mm			Customized		
Dimensions	810mm×610mm×335mm			Customized		
Power on warm-up time	30-60min					
DC Adapter	Input：220V AC/50HZ；Output：7.5V DC/600mA					
Accuracy Level	II class					

Optional Accessories

1. Convenient mini printer;
2. USB to serial port cable;
3. RS485 communication;
4. Weighing pole: aluminum pole, height optional;