



龙腾电子
LONGTENG



Realistic and innovative, to serve employees and make customers more successful

Product introduction

Electronic analytical balance

Professional balance

Post-electromagnetic force transducer, high precision,
quick response, stable data.
2ppm/°C very-low sensitivity drift
Built-in calibration weight
Overloading/underloading alarm
Dynamic state temperature compensation
Simple operation method
legible and striking with Cobalt blue VFD display
Under hook device



ESJ-S series electronic balance

model	ESJ203-S	ESJ205-S	ESJ208-S
capacity	200g/30g	200g/50g	200g/80g
readability	0.1mg/0.01mg		
Repeatability error	$\leq \pm 0.1\text{mg} / \leq \pm 0.03\text{mg}$		
Linear error	$\leq \pm 0.2\text{mg} / \leq \pm 0.05\text{mg}$		
sensitivity drift	$\pm 2\text{ppm}/^{\circ}\text{C}$		
pan size	$\Phi 90\text{mm}$		
calibration mode	auto inner calibration (built-in weight)		

Excellent balance

Post-electromagnetic force transducer, high precision,
quick response, stable data.
ESJ-A balance:
Touching auto-calibration along with the changeable
time and temperature
ESJ-B balance: Manual calibration
2ppm/°C very-low sensitivity drift
high sensitivity and super strong anti-interference,
vibration free

Overloading/underloading alarm
Dynamic state temperature compensation
Simple operation method
LCD digital display of wide viewing angle ,
white backlight, legible and striking
Diversified weighing units and customized
weighing units
Optional under hook device
Standard RS232 interface
Density function, check-weighing function, date,

ESJ-4A series electronic balance

model	ESJ110-4A	★ESJ120-4A	★ESJ200-4A	ESJ210-4A	ESJ220-4A
capacity	110g	120g	200g	210g	220g
readability	0.0001g				
repeatability error	$\leq \pm 0.0001\text{g}$				
linear error	$\leq \pm 0.0002\text{g}$				
sensitivity drift	$\pm 2\text{ppm}/^{\circ}\text{C}$				
pan size	$\Phi 90\text{mm}$				
calibration mode	full-auto-inner calibration (built-in weight)				

ESJ-4B series electronic balance

model	ESJ110-4B	★ESJ120-4B	★ESJ200-4B	ESJ210-4B	ESJ220-4B
capacity	110g	120g	200g	210g	220g
readability	0.0001g				
repeatability error	$\leq \pm 0.0001\text{g}$				
linear error	$\leq \pm 0.0002\text{g}$				
sensitivity drift	$\pm 2\text{ppm}/^{\circ}\text{C}$				
pan size	$\Phi 90\text{mm}$				
Calibration mode	auto external calibration (standard weight)				

Economy balance

Underneath-electromagnetic force transducer, high precision
 2ppm/°C very-low sensitivity drift
 multiple software filter technique
 high sensitivity and super strong anti-interference, vibration free
 Overloading/underloading alarm
 Dynamic state temperature compensation

JD-4G series electronic balance

model	JD100-4G	★JD110-4G	★JD200-4G	JD210-4G
capacity	100g	110g	200g	210g
readability	0.0001g			
repeatability error	≤±0.0002g			
linear error	≤±0.0003g			
sensitivity drift	±3ppm/°C			
pan size	Φ90mm			
calibration mode	auto external calibration (standard weight)			

legible and striking with Cobalt blue VFD display
 Diversified weighing units and customized weighing units
 Optional under hook device
 Standard RS232 interface
 Density function, check-weighing function, date, temperature and statistics function etc, can be selected.

JD-3G series electronic balance

model	JD100-3G	★JD200-3G
capacity	100g	200g
readability	0.001g	
repeatability error	≤±0.001g	
linear error	≤±0.002g	
pan size	Φ90mm	
Calibration mode	auto external calibration (standard weight)	



Precision electronic balance

It's the first selected products for the manufacture and sales industry of the gold precious metal and it can be widely used in industry measurement.

It's the designated bidding products for the gold repurchase business of the banking system.

Optional programs of the solid density weighing, double-range, special transport protocols can be done.

JD-3 series electronic balance

model	★JD300-3	JD400-3	★JD500-3	★JD1000-3
capacity	300g	400g	500g	1000g
readability	0.001g			
repeatability error	≤±0.001g		≤±0.003g	
linear error	≤±0.002g		≤±0.003g	
pan size	Φ90mm		Φ160mm	
Calibration mode	auto external calibration (optional weight)			



JD-2 series electronic balance

model	JD500-2	JD1000-2	★JD2000-2	★JD3000-2	JD4000-2	★JD5000-2	★JD6000-2
capacity	500g	1000g	2000g	3000g	4000g	5000g	6000g
readability	0.01g						
repeatability error	≤±0.01g						
linear error	≤±0.02g						
pan size	Φ160mm						
calibration mode	auto external calibration (optional weight)						



Product introduction

High capacity electronic balance

Electromagnetic force transducer, big capacity, high precision weighing
multiple software filter technique, high sensitivity and super strong anti-interference, vibration free

Overloading/underloading alarm
Dynamic state temperature compensation
Simple operation method
legible and striking with the Cobalt blue VFD display
Optional under hook device
Standard RS232 interface

ESK electronic balance

model	ES10K-1D	★ES20K-1D	★ES30K-1D	ES40K-1D
capacity	10kg	20kg	30kg	40kg
readability	0.1g			
repeatability error	≤±0.1g			
linear error	≤±0.2g			
pan size	340mm×300mm			
calibration mode	auto external calibration (optional weight)			

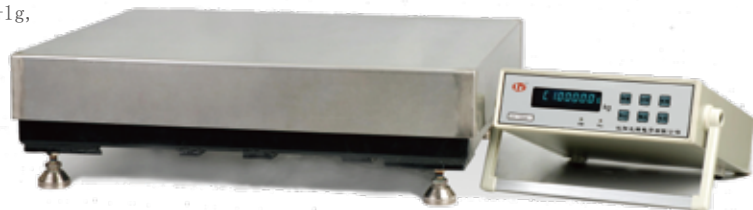
ESK electronic balance

model	ES50K-1D	ES50K-15D	ES50×1D	★ES60K×1D
capacity	50kg	50kg	50kg	60kg
readability	0.1g	0.5g	1g	1g
repeatability error	≤±0.1g	≤±0.5g	≤±1g	≤±1g
linear error	≤±0.2g	≤±1g	≤±2g	≤±2g
pan size	340mm×300mm			
calibration mode	auto external calibration (optional weight)			



Super capacity electronic balance

Wide weighing range of 100kg—5000kg, precision range of 0.01g—1g,
Overloading/underloading alarm
Dynamic state temperature compensation
Simple operation method
legible and striking with Cobalt blue VFD display
Standard RS232 interface



model	ES5000K×50	ES3000K×20	ES2000K×20	ES1000K×10	ES500K×5	ES300K×5	ES200K×2	★ES100K×1
capacity	5000kg	3000kg	2000kg	1000kg	500kg	300kg	200kg	100kg
readability	50g	20g	20g	10g	5g	5g	2g	1g

Anti-explosion balance

Exd II BT4 class anti-explosion for wide range of anti-explosion sites

High speed, low noise microprocessor.

Up to date digital processing technology

Rapid, stable weighing result

Overloading/underloading alarm

Dynamic state temperature compensation

Simple operation method

legible and striking with Cobalt blue VFD display

FBA-1/x1 anti-explosion electronic balance

model	★FBA-20K-1	FBA-30K-1	FBA-60K×1
capacity	20Kg	30Kg	60Kg
readability	0.1g	0.1g	1g
repeatability error	≤±0.1g	≤±0.1g	≤±1g
linear error	≤±0.2g	≤±0.2g	≤±2g
Calibration mode	auto external calibration (optional weight)		



FBA-2/-3/-4 anti-explosion electronic balance

model	★FBA-200-4	FBA-200-3	★FBA-2000-2	FBA-3000-2	FBA-5000-2
capacity	200g	200g	2000g	3000g	5000g
readability	0.0001g	0.001g	0.01g	0.01g	0.01g
repeatability error	≤±0.0001g	≤±0.001g	≤±0.01g	≤±0.01g	≤±0.01g
linear error	≤±0.0002g	≤±0.002g	≤±0.02g	≤±0.02g	≤±0.02g
Calibration mode	auto external calibration (optional weight)				

Product introduction

weight comparator

Measuring comparison of full scale from mg to tonner weights
 suitable for the calibration of M1, F2 weights
 Useful for the calibration and transmission of the weight below F1
 Optional advanced auto-load mechanism for the weighing repeatability
 Standard RS232 interface
 Optional weighing on line, movable weighing, early warning loading



ES-M weight comparator

model	ES-2M1	ES-5M1	ES-10M1	ES-20M1	ES-25M1
capacity	2kg	5kg	10kg	20kg	25kg
readability	0.01g	0.02g	0.05g	0.1g	0.1g
repeatability error	±0.01g	±0.02g	±0.05g	±0.1g	±0.1g
Calibration mode	auto external calibration (optional weight)				

ES-F weight comparator

model	ES-1F	ES-5F	ES-10F	ES-20F	ES-25F
capacity	1kg	5kg	10kg	20kg	25kg
readability	0.001g	0.005g	0.01g	0.02g	0.05g
repeatability error	±1mg	±5mg	±0.01g	±0.02g	±0.05g
Calibration mode	auto external calibration (optional weight)				



Good-sized weight comparator

model	ES-1000F		ES-2000F		ES-3000F	ES-5000F
capacity	500kg	1000kg	1000kg	2000kg	3000kg	5000kg
readability	2g	5g	5g	10g	20g	20g
repeatability error	±2g	±5g	±5g	±10g	±20g	±20g
Calibration mode	auto external calibration (optional weight)					

Moisture meter

Electromagnetic transducer A/ strain sensor B, exact measuring result, rapid and reliable

Simple operation, fast drying moisture, rapid measurement

Independent, highly-integrated temperature control module, reliable performance

Halogen lamp heating, rapid heating, uniform sample heating

Manual, auto and timing measuring modes

LSC-50A/LSC-60A/LSC-60B rapid moisture meter

model	LSC-50A	LSC-60A
capacity	50g	60g
readability	0.0001g/0.001%	0.001g/0.01%
measuring repeatability	Standard deviation 0.05%	standard deviation 0.1%
measuring mode	auto/timing/manual	
Measuring time setting	1-90 minutes (one minute interval)	
Temperature measuring range	60°C~200°C (1°C interval)	



Ordinary electronic balance

The series balances were composed with the resistance strain sensor and microcomputer circuit with the tare, accumulative total, failure warning and counting functions.

AC and DC dual purpose

Widely used in food, pharmaceutical industry and all kinds of industrial measurement,

Small size and portability

Rapid measurement

High precision, stability and reliability

Super quality and competitive price

Easy operation,



model	capacity	readability	Pan size
LD1100-1	1100g	0.1g	160×160×8mm
LD2100-1	2100g	0.1g	160×160×8mm
LD3100-1	3100g	0.1g	160×160×8mm
LD5100-1	5100g	0.1g	160×160×8mm
LD6100-1	6100g	0.1g	160×160×8mm
LD1100×1	1100g	1g	160×160×8mm
★LD2100×1	2100g	1g	160×160×8mm
LD3100×1	3100g	1g	160×160×8mm
★LD5100×1	5100g	1g	160×160×8mm
LD6100×1	6100g	1g	160×160×8mm
LD110-2	110g	0.01g	Φ120mm
LD210-2	210g	0.01g	Φ120mm
LD310-2	310g	0.01g	Φ120mm
★LD510-2	510g	0.01g	Φ120mm
LD610-2	610g	0.01g	Φ120mm
LD210-1	210g	0.1g	Φ120mm
LD310-1	310g	0.1g	Φ120mm
LD510-1	510g	0.1g	Φ120mm
LD610-1	610g	0.1g	Φ120mm



LONGTENG ELECTRONIC

Add: No.76-16, Shenbei Road, Shenbei New District, Shenyang.

Postcode: 110136

Tel: 086-24- 86376663 86520895 86376195

Fax: 086-24-86376119

Http: // www.ltelec.com

Email: sylt-f@ltelec.com sylt@ltelec.com

The technical parameters in this manual are modified without prior notice.

The rights of final explanations and modification are reserved by our company.

2020 First Edition

 The Logo is Shenyang Longteng Electronic Limited Company' s registered trademark. All right reserved. 。