



CONTINUOUS IMPROVEMENT
REALISTIC INNOVATION
SERVICE FIRST



RS 232



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ZERO / TARE



Unit Conversion



Electronic Balance Catalogue

Continuous Improvement Pragmatic Innovation Service Orientation



BRIEF OF THE COMPANY

Shenyang Longteng Electronic Co. Ltd. is an ISO-9001 and CE certified joint-venture company (Hong Kong, Macao and Taiwan) established in 1990. LONGTENG designs, develops, manufactures and sells mainly the electronic analytical balances, high precision electronic balances, industrial balances, anti-explosion balances, density balances, electronic scales, weight comparators, rapid moisture meter, grain moisture meter and sterilizing equipment etc. adopted the advanced electro-magnetic force transducer technology with the features of the digital display, rapid weighing, accuracy and reliability, auto-calibration, accumulation/decrement and tare etc..

The products can be connected with computers, printers and other kinds of equipments through the different interfaces which are the indispensable measuring equipments for the modern measurements and laboratories.

The super capacity balance was adopted for the experiment and manufacture of China' s Shenzhou spacecraft and China' s Long March series of rockets.

The company passed the certificate of CE、GB/T 19001-2016 / ISO9001：2015 Quality System.

The company is the major drafting unit and drafter of GBT 26497-201, Nation standard of electronic balances.

The company is the major drafting unit and drafter of verification regulations JJG1036-2008, Nation standard of electronic balances.

Shenyang Longteng Electronic Co., Ltd. insists on an enterprise spirit of " excellence ", "practical innovation" , "service customer" to serve the customers with the optimized and improved products in the new era of development





ESJ-S SERIES SEMI-MICRO ELECTRONIC BALANCE

ANALYTICAL BALANCE

ONE-HUNDRED-THOUSANDTH DOUBLE-RANGE AUTOMATIC INNER-CALIBRATION

ESJ-S 0.01mg/0.1mg

PRODUCT FEATURE

- ◆Post-electromagnetic force transducer, big wind-resistant shell with 3 doors, capacious weighing room, easy operation.
- ◆Adopt the internationally-accepted highly sensitive, highly stable post-electromagnetic force transducer technology to obtain the higher performance of the products.
- ◆Φ90mm stainless steel pan, bigger container, easy to use.
- ◆Built-in standard stainless steel weight.
- ◆LCD backlighting display, clear reading, switch optionally the display method in the light and dark environment to protect the eyesight.
- ◆High precision, quick response, accurate and reliable, easy operation, multiple functions satisfying the needs of the quality analysis of all kinds of the laboratories.

PRODUCT FUNCTIONS

- ◆One-hundred-thousandth (0.01mg),ten thousandth (0.1mg) , double-range, automatic switch.
- ◆Automatic inner-calibration, automatic timing calibration, automatic calibration of the temperature change, the elimination of the drift error caused by the factors of the temperature, environment and time etc. in all dimensions.
- ◆Overloading/underloading alarm, the temperature compensation, tare of full weighing range, accumulative/regressive features.
- ◆Multiple weighing units conversion and data output, g, ct, oz etc..
- ◆Measuring way: counting, percentage, etc. for the different weighing.
- ◆Standard RS232 output interface connected with the computer and printer etc..
- ◆Density measurement (Optional parts of the density devices).
- ◆Optional under hook device



Temperature Compensation

Timing Calibration

With temperature compensation and time drift technology



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Unit Conversion

MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	WEIGHT	EXT DIMESION
ESJ203-S	30g/200g	0.01mg/0.1mg	±0.03mg/0.1mg	±0.05mg/0.1mg	Φ90mm	9.1kg	460×205×280mm
ESJ205-S	50g/200g	0.01mg/0.1mg	±0.03mg/0.1mg	±0.05mg/0.1mg			(Measure Room Size190×155× 210mm)
ESJ208-S	80g/200g	0.01mg/0.1mg	±0.03mg/0.1mg	±0.05mg/0.1mg			

Optional Portable Microprinter



ESJ-AC SERIES FULL COLOR TOUCH SCREEN ELECTRONIC ANALYTICAL BALANCE

TEN THOUSANDTH, TOUCH CONTROL AUTOMATIC INNER-CALIBRATION

ESJ-AC 0.1mg

PRODUCT FEATURE

- ♦ Full color, touch screen, clear and easy to read, menu operation.
- ♦ Post-electromagnetic force transducer, big wind-resistant shell with 3 doors, capacious weighing room, easy operation.
- ♦ Adopt the internationally-accepted highly sensitive, highly stable post-electromagnetic force transducer technology to obtain the higher performance of the products.
- ♦ $\Phi 90\text{mm}$ stainless steel pan, bigger container, easy to use.
- ♦ Built-in standard stainless steel weight.
- ♦ LCD backlighting display, clear reading, switch optionally the display method in the light and dark environment to protect the eyesight.
- ♦ High precision, quick response, accurate and reliable, easy operation, multiple functions satisfying the needs of the quality analysis of all kinds of the laboratories.

PRODUCT FUNCTIONS

- ♦ Ten thousandth (0.1mg)
- ♦ A new graphical touch screen, menu display, easy operation.
- ♦ Automatic timing calibration, automatic inner calibration, automatic calibration of the temperature change, the elimination of the drift error caused by the factors of the temperature, environment and time etc. in all dimensions.
- ♦ Overloading/underloading alarm, the temperature compensation, tare of full weighing range, accumulative/regressive features.
- ♦ Multiple weighing units conversion and data output, g, ct, oz etc..
- ♦ Measuring way: counting, percentage, etc. for the different weighing.
- ♦ Standard RS232 output interface connected with the computer and printer etc..
- ♦ Density measurement (Optional parts of the density devices).
- ♦ Optional under hook device.



Temperature Compensation

Timing Calibration

Color Touch Screen Display

With temperature compensation and time drift technology



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Unit Conversion

MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	WEIGHT	EXT DIMENSION
ESJ220-4AC	220g	0.0001g	$\pm 0.0001\text{g}$	$\pm 0.0002\text{g}$	$\Phi 90\text{mm}$	9.1kg	460×205×280mm (Measure Room Size 190×155× 210mm)
ESJ210-4AC	210g	0.0001g	$\pm 0.0001\text{g}$	$\pm 0.0002\text{g}$			
ESJ200-4AC	200g	0.0001g	$\pm 0.0001\text{g}$	$\pm 0.0002\text{g}$			
ESJ120-4AC	120g	0.0001g	$\pm 0.0001\text{g}$	$\pm 0.0002\text{g}$			
ESJ110-4AC	110g	0.0001g	$\pm 0.0001\text{g}$	$\pm 0.0002\text{g}$			

ESJ-4A SERIES PRECISION ELECTRONIC ANALYTICAL BALANCE

TEN THOUSANDTH, AUTOMATIC INNER-CALIBRATION

ESJ-A 0.1mg

PRODUCT FEATURE

- ◆Post-electromagnetic force transducer, big wind-resistant shell with 3 doors, capacious weighing room, easy operation.
- ◆Adopt the internationally-accepted highly sensitive, highly stable post-electromagnetic force transducer technology to obtain the higher performance of the products.
- ◆Φ90mm stainless steel pan, bigger container, easy to use.
- ◆Built-in standard stainless steel weight.
- ◆LCD backlighting display, clear reading, switch optionally the display method in the light and dark environment to protect the eyesight.
- ◆High precision, quick response, accurate and reliable, easy operation, multiple functions satisfying the needs of the quality analysis of all kinds of the laboratories.



PRODUCT FUNCTIONS

- ◆Ten thousandth, automatic inner-calibration
- ◆Automatic timing calibration, automatic calibration of the temperature change. the elimination of the drift error caused by the factors of the temperature, environment and time etc. in all dimensions.
- ◆Overloading/underloading alarm, the temperature compensation, tare of full weighing range, accumulative/regressive features.
- ◆Multiple weighing units conversion and data output, g, ct, oz etc..
- ◆Measuring way: counting, percentage, etc. for the different weighing.
- ◆Standard RS232 output interface connected with the computer and printer etc..
- ◆Density measurement (Optional parts of the density devices).
- ◆Optional under hook device

Temperature Compensation

Timing Calibration

With temperature compensation and time drift technology



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Unit Conversion

MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	WEIGHT	EXT DIMENSION
ESJ220-4A	220g	0.0001g	±0.0001g	±0.0002g	Φ90mm	9.1kg	460×205×280mm (Measure Room Size190×155× 210mm)
ESJ210-4A	210g	0.0001g	±0.0001g	±0.0002g			
ESJ200-4A	200g	0.0001g	±0.0001g	±0.0002g			
ESJ120-4A	120g	0.0001g	±0.0001g	±0.0002g			
ESJ110-4A	110g	0.0001g	±0.0001g	±0.0002g			

Optional Portable Microprinter



ESJ-4B SERIES ELECTRONIC ANALYTICAL BALANCE

TEN THOUSANDTH, EXTERNAL CALIBRATION

ESJ-B 0.1mg

PRODUCT FEATURE

- ◆Post-electromagnetic force transducer, big wind-resistant shell with 3 doors, capacious weighing room, easy operation.
- ◆Adopt the internationally-accepted highly sensitive, highly stable post-electromagnetic force transducer technology to obtain the higher performance of the products.
- ◆Φ90mm stainless steel pan, bigger container, easy to use.
- ◆External standard stainless steel weight.
- ◆LCD backlighting display, clear reading, switch optionally the display method in the light and dark environment to protect the eyesight.
- ◆High precision, quick response, accurate and reliable, easy operation, multiple functions satisfying the needs of the quality analysis of all kinds of the laboratories.



PRODUCT FUNCTIONS

- ◆Ten thousandth, automatic external calibration
- ◆Overloading/underloading alarm, the temperature compensation, tare of full weighing range, accumulative/regressive features.
- ◆Multiple weighing units conversion and data output, g, ct, oz etc..
- ◆Measuring way: counting, percentage, etc. for the different weighing.
- ◆Standard RS232 output interface connected with the computer and printer etc..
- ◆Density measurement (Optional parts of the density devices).
- ◆Optional under hook device

**With temperature compensation
and time drift technology**



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Unit Conversion

MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	WEIGHT	EXT DIMENSION
ESJ220-4B	220g	0.0001g	±0.0001g	±0.0002g	Φ90mm	9.1kg	460×205×280mm (Measure Room Size190×155× 210mm)
ESJ210-4B	210g	0.0001g	±0.0001g	±0.0002g			
ESJ200-4B	200g	0.0001g	±0.0001g	±0.0002g			
ESJ120-4B	120g	0.0001g	±0.0001g	±0.0002g			
ESJ110-4B	110g	0.0001g	±0.0001g	±0.0002g			

JD SERIES ELECTRONIC ANALYTICAL BALANCE

TEN THOUSANDTH

PRODUCT FEATURE

- ◆ Underneath-electromagnetic force transducer, big wind-resistant shell with 3 doors, capacious weighing room, easy operation.
- ◆ Adopt the internationally-accepted highly sensitive, highly stable electromagnetic force transducer technology to obtain the higher performance of the products.
- ◆ Φ90mm stainless steel pan, bigger container, easy to use.
- ◆ External standard stainless steel weight.
- ◆ LCD backlighting display, clear reading, switch optionally the display method in the light and dark environment to protect the eyesight.
- ◆ High precision, quick response, accurate and reliable, easy operation, multiple functions satisfying the needs of the quality analysis of all kinds of the laboratories.



PRODUCT FUNCTIONS

- ◆ Ten thousandth (0.1mg), automatic external calibration
- ◆ Overloading/underloading alarm, the temperature compensation, tare of full weighing range, accumulative/regressive features.
- ◆ Multiple weighing units conversion and data output, g, ct, oz etc..
- ◆ Measuring way: counting, percentage, etc. for the different weighing.
- ◆ Standard RS232 output interface connected with the computer and printer etc..
- ◆ Density measurement (Optional parts of the density devices).
- ◆ Optional under hook device

With temperature compensation and time drift technology



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Unit Conversion

JD-4 0.1mg / JD-3 1mg External Calibration(equipped with external weights)

MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	WEIGHT	EXT DIMENSION
JD220-4	220g	0.0001g	±0.0001g	±0.0002g	Φ90mm	5.7kg	335×205×293mm (Measure Room Size175×175×185 mm)
JD210-4	210g						
JD200-4	200g						
JD110-4	110g						
JD1000-3	1000g	0.001g	±0.001g	±0.002g	Φ90mm	5.7kg	
JD500-3	500g						
JD400-3	400g						
JD300-3	300g						
JD200-3	200g						
JD100-3	100g						

JD-4A 0.1mg Automatic Internal Calibration(built-in weights)

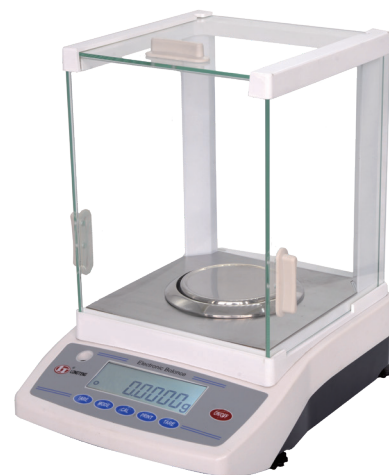
MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	WEIGHT	EXT DIMESION
JD220-4A	220g	0.0001g	±0.0001g	±0.0002g	Φ90mm	6kg	335×205×293mm (Measure Room Size175×175×185 mm)
JD210-4A	210g						
JD200-4A	200g						
JD110-4A	110g						

JD - G ELECTRONIC ANALYTICAL BALANCE

JD-4G 0.1mg / JD-3G 1mg

PRODUCT FEATURE

- ◆ Adopt underneath-electromagnetic force transducer,
- ◆ Transparant glass windshield, capacious weighing room, easy operation.
- ◆ Adopt the internationally-accepted highly sensitive, highly stable electromagnetic force transducer technology to obtain the higher performance of the products.
- ◆ Φ90mm stainless steel pan, bigger container, easy to use.
- ◆ External standard stainless steel weight.
- ◆ Large LCD backlighting display, clear reading, switch optionally the display method in the light and dark environment to protect the eyesight.
- ◆ High precision, quick response, accurate and reliable, easy operation, multiple functions satisfying the needs of the quality analysis of all kinds of the laboratories.



PRODUCT FUNCTIONS

- ◆ Ten thousandth (0.1mg), automatic external calibration
- ◆ Overloading/underloading alarm, the temperature compensation, tare of full weighing range, accumulative/regressive features.
- ◆ Multiple weighing units conversion and data output, g, ct, oz etc..
- ◆ Measuring way: counting, percentage, etc. for the different weighing.
- ◆ Standard RS232 output interface connected with the computer and printer etc..
- ◆ Density measurement (Optional parts of the density devices).
- ◆ Optional under hook device

**With temperature compensation
and time drift technology**



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Unit Conversion

MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	WEIGHT	EXT DIMENSION
JD220-4G	220g	0.0001g	±0.0001g	±0.0002g	Φ90mm	4.7kg	295×215×310mm (Measure Room Size185×175×210m m)
JD210-4G	210g						
JD200-4G	200g						
JD110-4G	110g						
JD300-3G	300g	0.001g	±0.001g	±0.002g			
JD220-3G	220g						
JD210-3G	210g						
JD200-3G	200g						
JD110-3G	110g						

JD-2 SERIES PRECISION ELECTRONIC BALANCE

One Percent

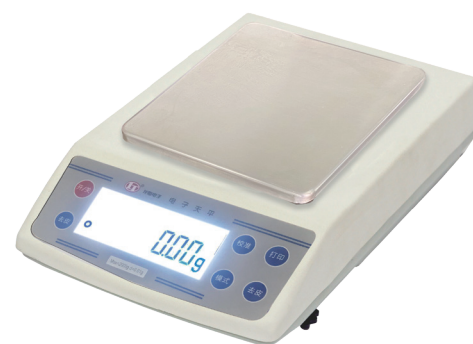
JD-2 10mg

PRODUCT FEATURE

- ◆Underneath-electromagnetic force transducer, less occupation of area, ultra-thin shape, easy operation.
- ◆Adopt the internationally-accepted highly sensitive, highly stable electromagnetic force transducer technology to obtain the higher performance of the products.
- ◆Φ160mm large stainless steel pan, weigh more objects.
- ◆LCD backlighting display, clear reading, switch optionally the display method in the light and dark environment to protect the eyesight.
- ◆High precision, quick response, accurate and reliable, easy operation, multiple functions satisfying the needs of the quality analysis of all kinds of the laboratories.

PRODUCT FUNCTIONS

- ◆One percent (0.01g), automatic external calibration
- ◆Overloading/underloading alarm, the temperature compensation, tare of full weighing range, accumulative/regressive features.
- ◆Multiple weighing units conversion and data output, g, ct, oz etc..
- ◆Measuring way: counting, percentage, etc. for the different weighing.
- ◆Standard RS232 output interface connected with the computer and printer etc..
- ◆Density measurement (Optional parts of the density devices).
- ◆Optional under hook device
- ◆Optional calibration weight



**With temperature compensation
and time drift technology**



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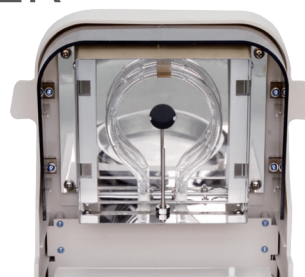
Unit Conversion

MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	WEIGHT	EXT DIMENSION
JD6000-2	6000g	0.01g	±0.01g	±0.02g	Φ160mm 160×160mm	3.2kg	335×205×100mm
JD5000-2	5000g						
JD4000-2	4000g						
JD3000-2	3000g						
JD2000-2	2000g						
JD1000-2	1000g						
JD500-2	500g						

HALOGEN MOISTURER METER

PRODUCT FEATURE

- ◆Underneath -electromagnetic force transducer, precise, quick, accurate reading of the weight data.
- ◆Adopt the designs of the Halogen lamp and mirror-surface stainless steel for the secondary radiant
- ◆Heating source:halogen lamp,uniform heating and rapid heating.
- ◆Optimization algorithm to calculate the water content, the choice of multiple measurement modes.
- ◆External standard stainless steel weight, calibration at any time and on demand.
- ◆LCD backlighting display, clear reading, switch optionally the display method in the light and dark environment to protect the eyesight.
- ◆High precision, quick response, accurate and reliable, easy operation, complete functions satisfying the needs of the requirements of water contents of the different-materials.



HALOGEN LAMP



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PRODUCT FUNCTIONS

- ◆Auto mode—when the rate of change of moisture in unit time is smaller than the pre-set limit value, it will stop the measurement automatically and get the results of the measurements.
- ◆Time mode—finish the sample drying and get the results of the measurements within the scheduled time.
- ◆Manual mode—stop the measurements by pressing the key and get the results of the measurements.
- ◆Standard RS232 output interface connected with the computer and printer etc..

TECHNICAL PARAMETERS

MODEL	LSC60A	LSC50A	TEMPERATURE DISPLAY MODE	DEGREE CENTIGRADE °C
CAPACITY	60g	50g	MEASURING METHOD	AUTO,TIMEING,MANUAL
READABILITY FOR WEIGHING	0.001g	0.0001g	DISPLAY TYPE	LCD DISPLAY
READABILITY FOR MOISTRUE	0.01%	0.001%	DISPLAY CONTENT	MOISTURE,TIME,TEMPERATURE
REPEATABILITY (STANDARD DEVIATION) BIGGER THAN 5g SAMPLE	0.1%	0.05%	RANGE OF AMBIENT TEMPERATURE	10-40°C
MEASURING METHODS	500W RING HALOGEN LAMP HEATING ELECTROMAGNETIC FORCE TRANSDUCER MEASURING		TARE RANGE	FULL RANGE MEASURING
DATA OUTPUT	STANDARD RS-232		POWER	AC220V 50HZ
SETTING TIME	1~99 MINUTES		PAN SIZE (mm)	Φ90
HEATING SOURCE	HALOGEN LAMP (RING 500W)		EXT DIMESION' WEIGHT	330×200×155/5.5kg
TEMPERATURE RANGE	60-200°CINTERVAL 1°C		STANDARD SAPRE PARTS	10 PIECES OF SAMPLE PANS,INSTRUCTION MANUAL, POWER CORD,STANDARD WEIGHT
DRYING PROCEDURES	STANDARD DRYING: REACH THE SET TEMPERATURE IN SHORT TIME			

ESK SERIES BIG CAPACITY BALANCE

PRODUCT FEATURE

- ◆ Electromagnetic force transducer, big capacity, high precision weighing
- ◆ $\Phi 340 \times 300$ mm large stainless steel pan, weigh more objects.
- ◆ LCD backlighting display, clear reading, switch optionally the display method in the light and dark environment to protect the eyesight.
- ◆ High precision, quick response, accurate and reliable, easy operation, multiple functions
- ◆ Widely used in industrial weighing, the verification of the special metal alloy, special parts, production ingredients and cast iron weights.

PRODUCT FUNCTIONS

- ◆ Automatic external calibration
- ◆ Overloading/underloading alarm, the temperature compensation, tare of full weighing range, accumulative/regressive features.
- ◆ Multiple weighing units conversion and data output, g, ct, oz etc..
- ◆ Measuring way: counting, percentage, etc. for the different weighing.
- ◆ Optional under hook device
- ◆ Standard RS232 output interface connected with the computer and printer etc..
- ◆ Optional calibration weight



**With temperature compensation
and time drift technology**



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Unit Conversion

MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	WEIGHT	EXT DIMENSION
ES10K-1D	10kg	0.1g	± 0.1 g	± 0.2 g	340×300mm	17kg	460×315×160mm
ES20K-1D	20kg	0.1g	± 0.1 g	± 0.2 g			
ES30K-1D	30kg	0.1g	± 0.1 g	± 0.2 g			
ES30K-15D	30kg	0.5g	± 0.5 g	± 1 g			
ES30K×1D	30kg	1g	± 1 g	± 2 g			
ES40K-1D	40kg	0.1g	± 0.1 g	± 0.2 g			
ES50K-15D	50kg	0.5g	± 0.5 g	± 1 g			
ES50K×1D	50kg	1g	± 1 g	± 2 g			
ES50K-1DP	50kg	0.1g	± 0.1 g	± 0.3 g			
ES60K×1D	60kg	1g	± 1 g	± 2 g			
ES60K-1DP	60kg	0.1g	± 0.1 g	± 0.3 g			
ES10K-2D	10kg	0.01g	± 0.02 g	± 0.02 g			
ES20K-2D	20kg	0.01g	± 0.02 g	± 0.02 g			

ESK SERIES SUPER CAPACITY ELECTRONIC BALANCE

PRODUCT FEATURE

- ◆Wide weighing range of 100kg---5000kg.
- ◆Design as required.
- ◆High precision.
- ◆Different specifications.
- ◆Domestic leading product.
- ◆Electromagnetic force transducer.
- ◆Used in the test of the supper large weight and the industry of military industry, aviation and space.

The product was applied to the precision weighing of China' s Shenzhou manned spacecraft and Long March rocket.

The utility model patent for safety and automatic lifting and repose device of mass comparator..
(Optional)



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MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	WEIGHT
ES100K×1D	100kg	1g	±1g	±2g	450×500mm	450×500×230mm
ES100K×5D	100kg	5g	±1g	±2g		
ES100K-1P	100kg	0.1g	±0.1g	±0.2g	gas distribution balance	
ES200K×2	200kg	2g	±2g	±4g	650×750mm	650×750×230mm
ES200K×5	200kg	5g	±2g	±4g		
ES300K×2	300kg	2g	±2g	±4g		
ES300K×5	300kg	5g	±10g	±10g		
ES500K×1	500kg	1g	±1g	±2g		
ES500K×5	500kg	5g	±5g	±10g	1000×1200mm	1000×1200×300mm
ES1000K×5	1000kg	5g	±10g	±20g		
ES2000K×10	2000kg	10g	±10g	±20g		
ES3000K×10	3000kg	10g	±10g	±20g	1300×1800mm	1300×1800×400mm
ES5000K×20	5000kg	20g	±20g	±40g		

ES SERIES WEIGHT COMPARATOR

PRODUCT FEATURE

- ◆Widely used in industrial weighing and the test of the cast iron weights.
- ◆Used in the quantitative value measurement.
- ◆High precision, quick response, accurate and reliable, easy operation



MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE
ES-05F2	500g	0.5mg	0.8mg	Φ90mm	460×205×280mm
ES-1F2	1000g	1mg	1.6mg	Φ160mm	335×205×293mm
ES-2F2	2000g	2mg	3mg		
ES-5F2	5000g	5mg	8mg		
ES-10F2	10kg	0.01g	0.02g		
ES-20F2	20kg	0.02g	0.03g	340×300mm	460×315×160mm
ES-25F2	25kg	0.02g	0.03g		
ES-02F1	200g	0.1mg	0.1mg		
ES-05F1	500g	0.2mg	0.2mg	Φ90mm	460×205×280mm
ES-1F1	1000g	0.5mg	0.5mg	Φ160mm	335×205×293mm
ES-2F1	2000g	1mg	1mg		
ES-5F1	5000g	2mg	2mg		
ES-10F1	10kg	5mg	5mg		
ES-20F1	20kg	10mg	10mg	340×300mm	460×315×160mm
ES-02F2S	200g/20g	0.1mg/0.01mg	0.3mg/0.03mg	Φ90mm	460×205×280mm
ES-1F2S	500g/1000g	0.5mg/1mg	0.8mg/1.6mg	Φ160mm	335×205×293mm
ES-5F2S	2000g/5000g	2mg/5mg	3mg/8mg		
ES-20F2S	10kg/20kg	0.01g/0.02g	0.02g/0.03g	340×300mm	460×315×160mm
ES-02M1S	200g/20g	0.1mg/0.02mg	0.3mg/0.1mg	Φ90mm	460×205×280mm
ES-1MS	500g/1000g	1mg/2mg	2mg/4mg	Φ160mm	335×205×293mm
ES-5MS	2000g/5000g	5mg/10mg	10mg/20mg		
ES-20M1S	10kg/20kg	0.05g/0.1g	0.05g/0.1g	340×300mm	335×205×293mm
ES-25M1S	10kg/20kg/25kg	0.05g/0.1g/0.1g	0.05g/0.1g/0.1g		

LD SERIES ORDINARY ELECTRONIC BALANCE

PRODUCT FEATURE

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

♦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.

♦Substituted for the table balance.

♦Data processing with computer interface.



MODEL	CAPACITY	READABILITY	LINEARITY	PAN SIZE
LD110-2	110g	0.01g	φ120mm	275×230×85mm
LD210-2	210g	0.01g		
LD310-2	310g	0.01g		
LD510-2	510g	0.01g		
LD610-2	610g	0.01g		
LD1100-1	1100g	0.1g	160×160×8mm	275×230×80mm
LD2100-1	2100g	0.1g		
LD3100-1	3100g	0.1g		
LD5100-1	5100g	0.1g		
LD6100-1	6100g	0.1g		
LD1100×1	1100g	1g		
LD2100×1	2100g	1g		
LD3100×1	3100g	1g		
LD5100×1	5100g	1g		



RS 232



Printout



Unit Conversion

ES SERIES ORDINARY ELECTRONIC BALANCE

PRODUCT FEATURE

♦The high precision electronic platform scale was composed with the resistance strain sensor, LCD display with the functions of the tare, accumulative total, failure warning, counting and AC-DC power supply (containing storage battery).

♦Apply to the quantitative (counting) packing of assembly line.

♦Super quality and competitive price.

♦Widely used in food, pharmaceutical industry, industry/agriculture, medicine and scientific institutions etc. as tobacco, paper, food, tea, feed, grain, chemical raw materials, pharmaceutical raw materials, textile raw materials etc.

♦Rapid measurement.

♦High precision, stability and reliability.

♦Super quality and competitive price.

♦Easy operation.

♦Data processing with computer interface.



MODEL	CAPACITY	READABILITY	LINEARITY	PAN SIZE
ES-10KTS	10kg	1g	250×190mm	320×260×110mm
ES-10KHTS	10kg	0.5g		
ES-15KTS	15kg	1g		
ES-15KHTS	15kg	0.5g		
ES-20KTS	20kg	1g		
ES-20KHTS	20kg	0.5g		
ES-30KTS	30kg	1g	500×400mm	700×400×950mm
ES-60KT	60kg	5g		
ES-100KT	100kg	10g		
ES-150KT	150kg	10g		
ES-200KT	200kg	10g		
ES-300KT	300kg	10g		
ES-500KT	500kg	20g		
ES-600KT	600kg	20g		

FBA SERIES EXPLOSION-PROOF BALANCE

PRODUCT OVERVIEW

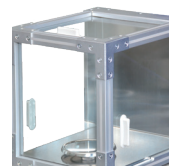
- ◆FBA series explosion proof balance is the new generation of the explosion proof electronic balance manufactured by our company.
- ◆The same kind of electromagnetic force transducer used in our JD and ESK series balances with the advanced fine weighing quality and excellent explosion proof function.
- ◆Explosion proof mark: "Ex db IIB T6 Gb,Ex tb IIIB T80°C Db" is widely used in the mixture sites of class IIA, IIB, group T4 combustible gases and air applying to the inflammable and explosive dangerous area of Zone 1 and Zone 2.
- ◆Widely used in weapons industry, explosives, the manufacturing assembly of initiating explosive devices, projectile charge, assembly inspection weighing, the development of the aerospace rocket flight vehicle and civil explosive materials production.It' s the essential weighing instrument for the automatic, precise, efficient and safety measures.

PRODUCT FEATURE

- ◆ Integral flameproof, safe and reliable
- ◆ Ex-mark: Ex db IIB T6 Gb,Ex tb IIIB T80°C Db
- ◆ 12mm die cast aluminum enclosure
- ◆ Aluminum alloy frame with tempered glass windshield
- ◆ Auto external calibration
- ◆ Electromagnetic force high precision sensor
- ◆ Temperature compensation and time drift compensation
- ◆ RS232 interface



Tempered glass



Aluminum alloy frame with Tempered glass



Ex-proof seal joint and cable

MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	EXT DIMENSION	WEIGHT
FBA-10K-1	10kg	0.1g	±0.1g	±0.2g	340×300mm	520×375×215 mm	40Kg
FBA-10K-2	10kg	0.01g	±0.02g	±0.04g			
FBA-15K-1	15kg	0.1g	±0.1g	±0.2g			
FBA-20K-1	20kg	0.1g	±0.1g	±0.2g			
FBA-20K-2	20kg	0.01g	±0.02g	±0.04g			
FBA-30K-1	30kg	0.1g	±0.1g	±0.2g			
FBA-30K×1	30kg	1g	±1g	±2g			
FBA-30K×5	30kg	5g	±5g	±10g			
FBA-40K-12	40kg	0.2g	±0.2g	±0.4g			
FBA-50K-15	50kg	0.5g	±0.5g	±1g			
FBA-50K×1	50kg	1g	±1g	±2g			
FBA-60K-15	60kg	0.5g	±0.5g	±1g			
FBA-60K×1	60kg	1g	±1g	±2g			
FBA-60K×5	60kg	5g	±5g	±10g			

FBA SERIES EXPLOSION-PROOF BALANCE

PRODUCT OVERVIEW

◆FBA series explosion proof balance is the new generation of the explosion proof electronic balance manufactured by our company.

◆The same kind of electromagnetic force transducer used in our JD and ESK series balances with the advanced fine weighing quality and excellent explosion proof function.

◆Explosion proof mark: "Ex db IIB T6 Gb,Ex tb IIB T80°C Db" is widely used in the mixture sites of class IIA, IIB, group T4 combustible gases and air applying to the inflammable and explosive dangerous area of Zone 1 and Zone 2.

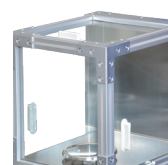
◆Widely used in weapons industry, explosives, the manufacturing assembly of initiating explosive devices, projectile charge, assembly inspection weighing, the development of the aerospace rocket flight vehicle and civil explosive materials production.It' s the essential weighing instrument for the automatic, precise, efficient and safety measures.

PRODUCT FEATURE

- ◆ Integral flameproof, safe and reliable
- ◆ Ex-mark: Ex db IIB T6 Gb,Ex tb IIB T80°C Db
- ◆ 12mm die cast aluminum enclosure
- ◆ Aluminum alloy frame with tempered glass windshield
- ◆ Auto external calibration
- ◆ Electromagnetic force high precision sensor
- ◆ Temperature compensation and time drift compensation
- ◆ RS232 interface



Tempered glass

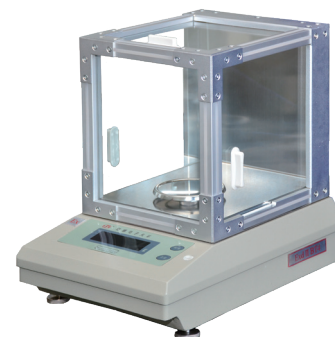


Aluminum alloy frame with Tempered glass



Ex-proof seal joint and cable

MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	EXT DIMENSION	WEIGHT
FBA-220-4	220g	0.0001g	±0.0001g	±0.0002g	Φ90mm	365×255×355mm	18Kg
FBA-200-4	200g	0.0001g	±0.0001g	±0.0002g			
FBA-120-4	120g	0.0001g	±0.0001g	±0.0002g			
FBA-1000-3	1000g	0.001g	±0.001g	±0.002g			
FBA-500-3	500g	0.001g	±0.001g	±0.002g			
FBA-300-3	300g	0.001g	±0.001g	±0.002g			
FBA-200-3	200g	0.001g	±0.001g	±0.002g			



MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	EXT DIMENSION	WEIGHT
FBA-6000-2	6000g	0.01g	±0.01g	±0.02g	Φ160mm	365×255×165mm	15Kg
FBA-5000-2	5000g	0.01g	±0.01g	±0.02g			
FBA-4000-2	4000g	0.01g	±0.01g	±0.02g			
FBA-3000-2	3000g	0.01g	±0.01g	±0.02g			
FBA-2000-2	2000g	0.01g	±0.01g	±0.02g			



DENSITY BALANCE AND HYDROSTATIC BALANCE



RS 232



Printout

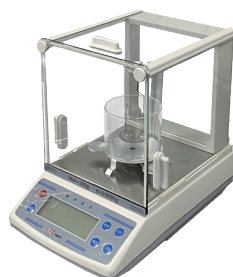
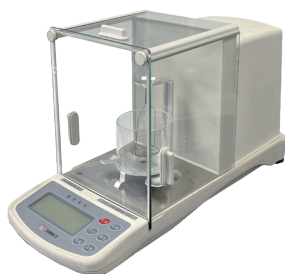


ZERO / TARE

PRODUCT FEATURE

- ◆The density measuring device combined with the electronic balance, the measuring accuracy can be up to ten thousandth.
- ◆Easy operation, high precision measuring of the solid density

M: density measuring (containing density software)



MODEL	CAPACITY	READABILITY	PAN SIZE	EXT DIMESION
ESJ220-4AM	220g	0.0001g	Φ90mm	hanging pan: upΦ39mm downΦ45mm cup : Φ80×70mm support: 130×135mm
ESJ200-4AM	200g			
JD1000-3M	1000g	0.001g	Φ90mm	
JD500-3M	500g	0.001g		
JD400-3M	400g			
JD300-3M	300g			
JD200-3M	200g			

MODEL	CAPACITY	READABILITY	PAN SIZE	EXT DIMESION
JD5000-2M	5000g	0.01g	Φ90mm	hangingbasket: down140×80×10mm sink: 165×125×65mm overall height : 280mm
JD4000-2M	4000g			
JD3000-2M	3000g			
JD2000-2M	2000g			



JD-MK WEIGHING MODULE

PRODUCT FEATURE

- ◆ Advanced single module electromagnetic force sensor, higher weighing accuracy, better performance and more reliable
- ◆ 304 stainless steel shell fully sealed, safe and reliable, strong and durable with temperature compensation and drift compensation, good stability, small drift * smaller volume, more suitable for installation in the production line, test line, size can be customized
- ◆ Pan size is customizable
- ◆ AC/DC power adapter
- ◆ With RS232/485 interface
- ◆ The products are widely used in the field of automatic measurement, such as pharmaceutical, food, military, battery, photovoltaic and other industries of automatic measurement, automatic production line, etc. Designed for automatic production line, using single electromagnetic force sensor, high sensitivity, high stability, can be customized according to user needs to meet the needs of mechanical equipment integration.



weighing indicator (optional)

PRODUCT FUNCTIONS

- ◆ One percent (0.01g), automatic external calibration
- ◆ Overloading/underloading alarm, the temperature compensation, tare of full weighing range, accumulative/regressive features.
- ◆ Multiple weighing units conversion and data output, g, ct, oz etc..
- ◆ Measuring way: counting, percentage, etc. for the different weighing.
- ◆ Standard RS232 output interface connected with the computer and printer etc..
- ◆ Density measurement (Optional parts of the density devices).
- ◆ Optional under hook device
- ◆ Optional calibration weight



RS 232



Printout



Unit Conversion

0.0001g / 0.001g / 0.01g External Calibration(equipped with external weights)

MODEL	CAPACITY	READABILITY	REPEATABILITY	LINEARITY	PAN SIZE	WEIGHT	EXT DIMENSION
JD220-4MK	220g	0.0001g	±0.0001g	±0.0002g	Φ48mm Pan size is customizable	1.8kg	193×116×68mm Note:add 10mm to the front and back bottom edges
JD210-4MK	210g						
JD200-4MK	200g						
JD110-4MK	110g						
JD500-3MK	500g	0.001g	±0.001g	±0.002g			
JD400-3MK	400g						
JD300-3MK	300g						
JD200-3MK	200g						
JD100-3MK	100g						
JD5000-2MK	5000g	0.01g	±0.01g	±0.02g			
JD4000-2MK	4000g						
JD3000-2MK	3000g						
JD2000-2MK	2000g						
JD1000-2MK	1000g						



Professional so trusted



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