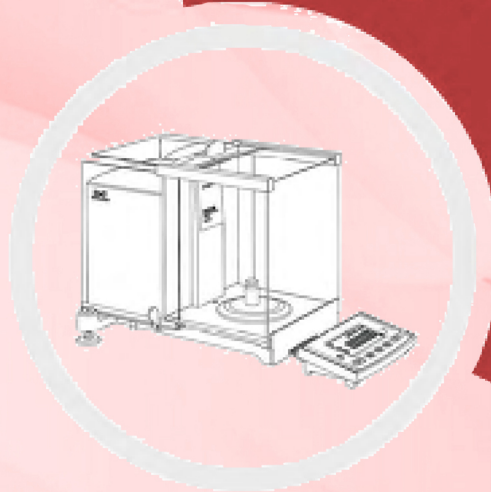





















# OUR PRODUCT



*Exzellenz* Series  
Weighing Balances

Type	Series	Model	Picture	1µg	0.01mg	0.1mg	0.2mg	1mg	5mg	0.01g	0.1g	
Precision Electronic Balance / Excellence II Balance	Exzellenz	XZ-A						120g 220g 320g 420g 520g 620g 820g 1020g				
		XZ-B								1200g 2200g 3200g 4200g 5200g 6200g 8200g 10200g		
	XS	XS-A						120g 220g 320g 420g 520g 620g 820g 1020g				
		XS-B								1200g 2200g 3200g 4200g 5200g 6200g 8200g 10200g		
Analytical Balance / Semi-micro Balance	Exzellenz	XZ-E			31g 51g 82g 120g	120g 210g 220g 320g						
		XZ-J				120g 220g						
	XS	XS-E			31g 51g 82g 120g	120g 210g 220g 320g						
		XS-J				120g 220g						
Micro Balance	Exzellenz	XS-H		2.1g 5.1g	30g							
Industrial Balance	XS										8kg 12kg 16kg 20kg 30kg	
Special Balance	Jewelry Balance (Carat Balance)	XZ					60g (300ct) 120g (600ct)					
		XS					60g (300ct) 120g (600ct)					
	Paint-mixing Balance	XS-P									5kg 8kg 10kg 20kg 30kg	
	Check Weighing Balance									3200g 4100g 5000g		
	Density Balance	XZ-D					120g 210g		120g 200g 310g 410g			
		XS-D					120g 210g		120g 200g 310g 410g			
Moisture Analyzer	Exzellenz	XZ-F				120g/0.1mg/0.001%		120g/1mg/0.01%				
	XS	XS-F				120g/0.1mg/0.001%		120g/1mg/0.01%	120g/5mg/0.01%			
On-line Weighing and Module	XS	XS-L				120g 200g		320g		3200g	10kg	

0.5g	1g	2g	10g	20g	Range of Application
					Precision weighing in laboratory and production environment.
					Analysis and inspection of micro samples. With ultra high resolution.
					Quality control in laboratory, chemical laboratory, medical device research, etc.
50kg 60kg	100kg 150kg	200kg 500kg	1000kg	2000kg	Weighing in industrial measurement, special metal alloys, special parts, etc.
					Precision weighing in precious metals and jewelry.
					Auto repair, paint-mixing coating-mixing, etc.
					3 color sound and light alarm, upper and lower limits can be set freely. (applicable to the quality inspection of the production process)
					Rubber, wire and cable, aluminum products, PVC pearls, etc.
					Testing free water for food, feed, paper making, tobacco and other industries.
					Lithium battery production, electronic parts, pharmaceutical production and packaging, oil and other industries.

Precision Electronic Balance / Excellence II Balance

Analytical Balance / Semi-micro Balance

Micro Balance

Industrial Electronic Balance

Special Balance

Density Balance

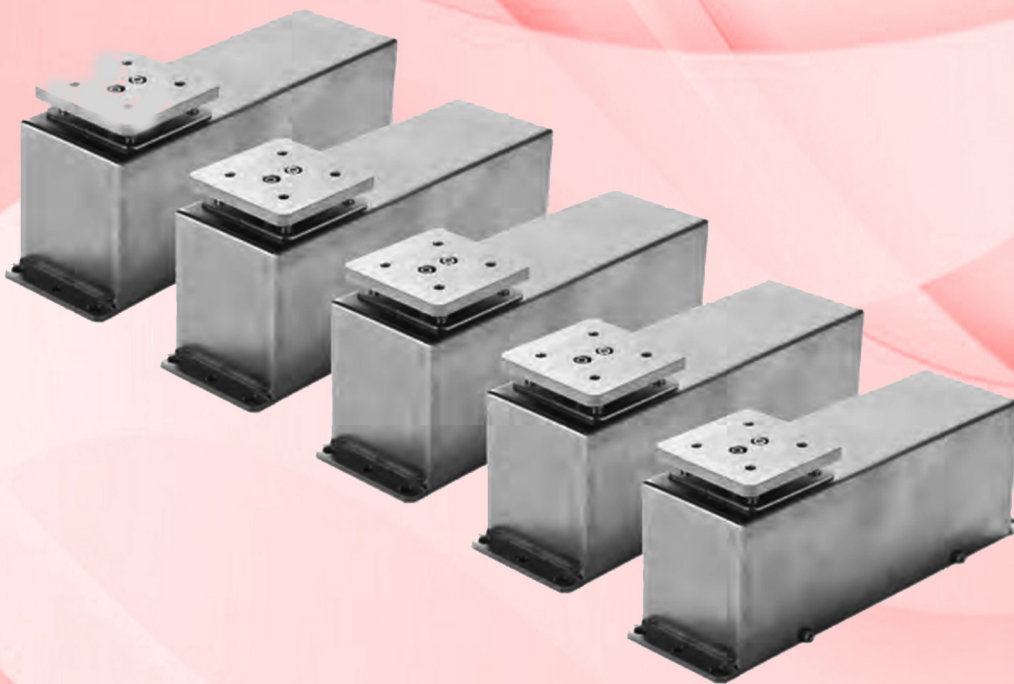
Moisture Analyzer

Mass Comparator

On-line Weighing and Module

# On-line Weighing and Module

High speed and high precision weighing module can meet the demand from machine and equipment manufacturer for simple electrical and mechanical integration. This series is especially for the application of automatic production process under industrial environment. This product is widely used in lithium battery production, electronic parts, pharmaceutical packaging weight checking, oil and other industries.



**XS-L**

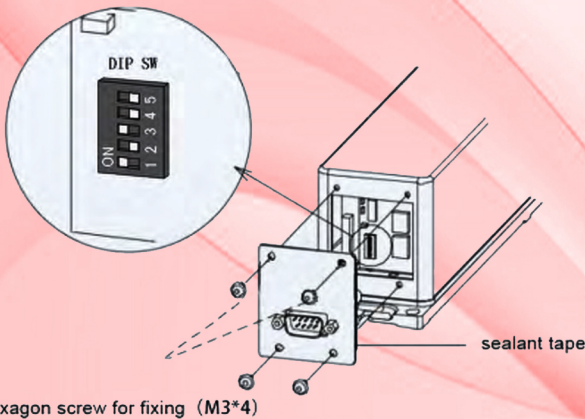
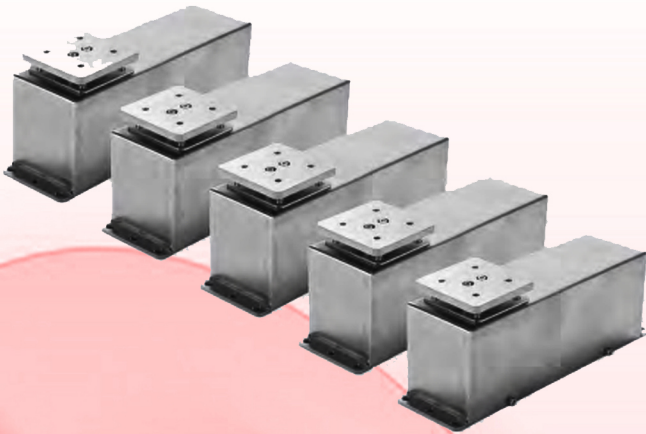
Readability: 0.1mg - 0.1g, Max.Capability: 120g - 10kg

# Weighing On-line/Weighing Module

## Product overview >

High speed and high precision weighing module can meet the demand from machine and equipment manufacturer for simple electrical and mechanical integration. This series is especially for the application of automatic production process under industrial environment. The standard interface realizes easy communication with control system. The high-resolution integral weighing sensor is packed in strong stainless steel shell. The weighing module can be customized for equipment, machine and instrument manufacturers. Exquisite size, multiple functions, accurate weighing and powerful extendibility, this series can fulfill resolution of 0.1mg.

This product is widely used in lithium battery production, electronic parts, pharmaceutical packaging weight checking, oil and other industries.



## Product highlights >

- ◆ Overload protection for vertical and horizontal load;
- ◆ Assembled with power line for AC/DC adaptor and power line specially for targeted customer;
- ◆ Weighing pan dimension is 5.5\*5.5(mm) with 4\*M4 threaded holes for external device;
- ◆ Customized service for required dimension provided;
- ◆ Integral RS232/RS485 interface enables weight data to be output to single chip computer, PLC, computer or external display device or to optional analog output, comparative output or BCD output.



single chip microcontroller



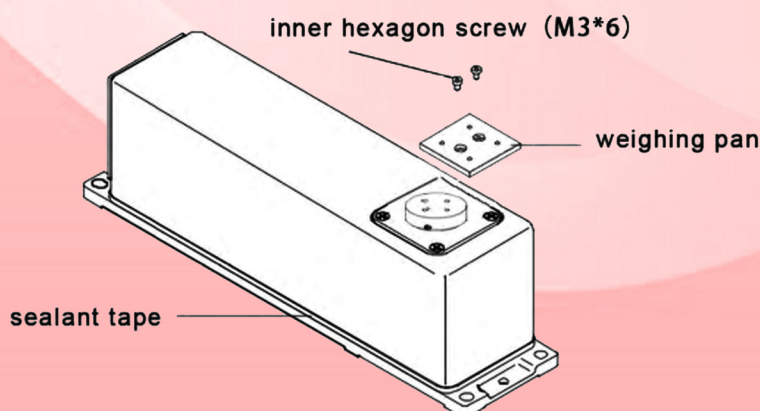
PLC



computer



printer



## High speed and high precision sensor

## Complete weighing solution



- Stainless steel shell, resisting erosion of corrosive substances effectively;
- Small external dimensions, saving equipment installation space.


- Designed for automatic production process applications in industrial environments;
- Used in lithium battery production, electronic parts, pharmaceutical packaging weight checking, oil and other industries;



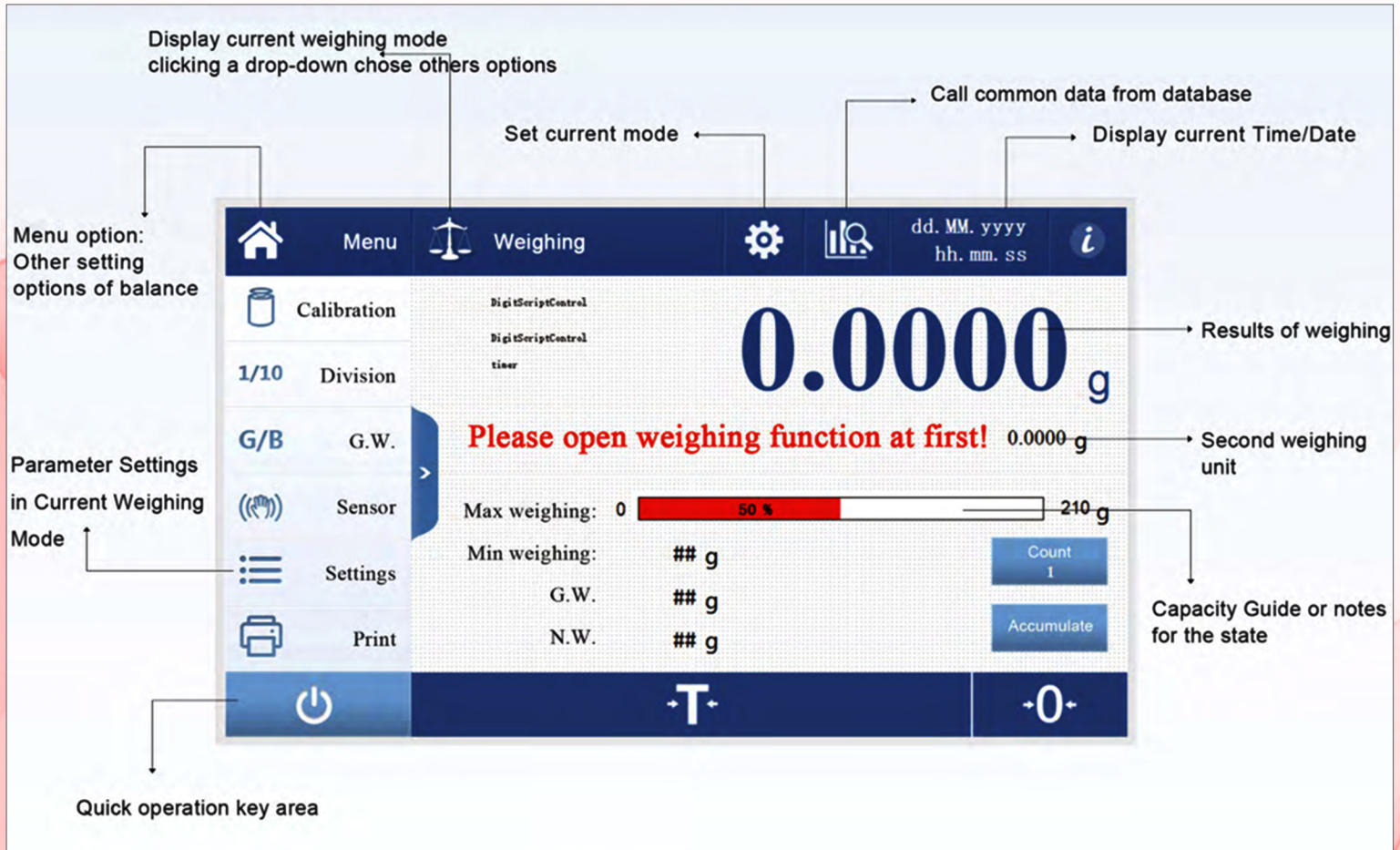
### Module Specification Parameter: ▶

Module	XS-L1204	XS-L2004	XS-L3203	XS-L3202	
Max.Capability	120g	200g	320g	3200g	
Readability	0.1mg	0.1mg	1mg	0.01g	
Repeatability	0.1mg	0.1mg	1mg	0.01g	
Linearity Error	0.2mg	0.2mg	2mg	0.02g	
Net Weight	1.8kg	1.8kg	1.8kg	1.8kg	
External Dimension	260 x 60 x 90	260 x 60 x 90	200 x 60 x 90	200 x 60 x 90	

### Module Specification Parameter: ▶

Module	XS-L10k-1	
Max.Capability	10kg	
Readability	0.1g	
Repeatability	0.1g	
Linearity Error	0.2g	
Net Weight	10kg	
External Dimension	260 x 200 x 110	

# Display interface description



The screenshot shows the main interface of the weighing scale. At the top, there is a navigation bar with icons for Home, Menu, Weighing, Settings, and a date/time display (dd. MM. yyyy, hh. mm. ss). Below this is a menu list on the left side with options: Calibration, Division (1/10), G.W., Sensor, Settings, and Print. The main display area shows a large digital scale reading of 0.0000 g. Below the reading, there is a red warning message: "Please open weighing function at first!". Further down, there is a capacity guide showing "Max weighing: 0" to "210 g" with a progress bar at 50%. Below that, there are fields for "Min weighing: ## g", "G.W. ## g", and "N.W. ## g". At the bottom of the main display area, there are two buttons: "Count 1" and "Accumulate".

Annotations on the screenshot include:

- Display current weighing mode clicking a drop-down chose others options**: Points to the "Weighing" menu item.
- Set current mode**: Points to the "Weighing" menu item.
- Call common data from database**: Points to the date/time display.
- Display current Time/Date**: Points to the date/time display.
- Menu option: Other setting options of balance**: Points to the "Menu" icon.
- Parameter Settings in Current Weighing Mode**: Points to the "Settings" menu item.
- Results of weighing**: Points to the large digital scale reading.
- Second weighing unit**: Points to the "0.0000 g" text.
- Capacity Guide or notes for the state**: Points to the "Max weighing" section.
- Quick operation key area**: Points to the bottom navigation bar.



A grid of icons representing various weighing functions:

- Weighing function**: Scales icon.
- Dynamic Weighing function**: Mouse icon.
- Formula Weighing function**: Document with flask icon.
- Parts Counting function**: Three circles icon.
- Density Determination function**: Beaker icon.
- Check Weighing function**: Scale with checkmark icon.
- Bottom Weighing function**: Scale with weight icon.
- Percent Weighing function**: Scale with percentage icon.
- Weighing mode**: Scales icon.
- Parts Counting mode**: Three circles icon.
- Percent Weighing mode**: Scale with percentage icon.
- Check Weighing mode**: Scale with checkmark icon.
- Density Determination mode**: Beaker icon.
- Solid Weighing mode**: Pyramid of blocks icon.
- Liquid Weighing mode**: Wavy lines icon.
- Solid Weighing mode**: Pyramid of blocks icon.
- Moisture Determination**: %M icon.
- Drying Percentage**: %D icon.
- Visual Drying Processing**: Graph icon.