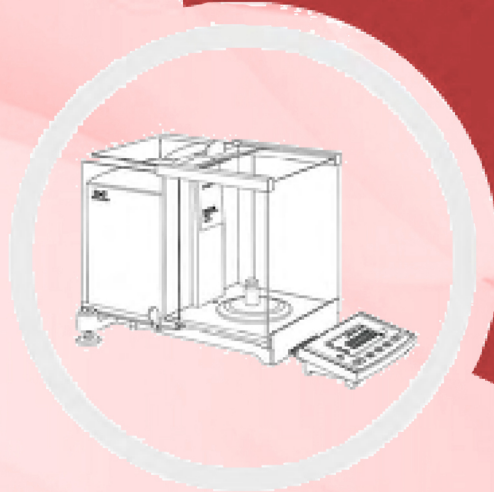





















OUR PRODUCT



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

Rapid Moisture Analyzer



XS-F102

Readability: 5mg
Max.Capability: 120g
Moisture resolution: 0.01%

Readability: 1mg/0.1mg
Max.Capability: 120g
Moisture resolution: 0.01%/0.001%

XS-F103/104

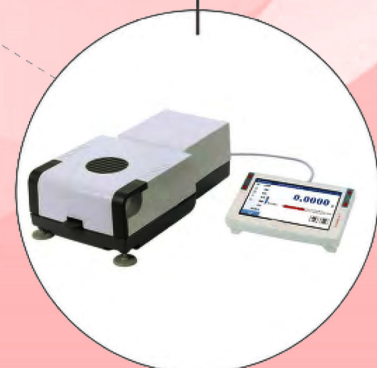


XZ-F103/104

Readability: 1mg/0.1mg
Max.Capability: 120g
Moisture resolution: 0.01%/0.001%

Readability: 1mg/0.1mg
Max.Capability: 120g
Moisture resolution: 0.01%/0.001%

XZ-F103A/104A



Exzellenz II Series

Professional Rapid Moisture Analyzer



XZ-F103 / XZ-F104

Product overview >

rapid moisture analyzer, based on electronic balance, equip high precision weighing sensor and halogen lamp heating device; Halogen moisture analyzer is the reliable solution for customer to determine moisture percent of the sample.

This type of durable and in-expensive halogen moisture analyzer derives from rich experience in precision equipment manufacture and professional acknowledgment accumulation of moisture determination for years.

Scope of application >

testing of free moisture in sample of food, tea, powder rubber, chemical raw material, grain, pharmacy, electronics semiconductor and other industries.

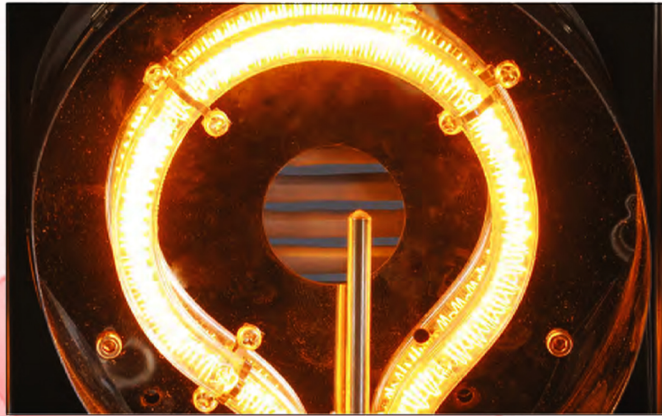


Exzellenz II series >

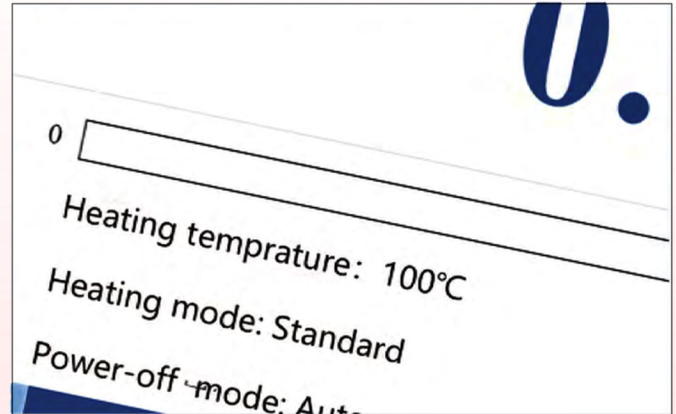
- ◆ Adopts unique electromagnetic sensor;
- ◆ Operation procedure quickly and one key drying method;
- ◆ Min. Capacity display, real-time display, graphical printing;
- ◆ Enter temperature and time adjustment with one key, and the buzzer indicates the end of heating time;
- ◆ Multi-group applicable parameter preinstalled and multi-group formula parameter prestored;
- ◆ USB port mouse or wireless mouse can be matched with the balance, simple operation as computer;
- ◆ Linux operating system supports on-line update of system;
- ◆ 5" intelligent capacitive touch screen, clear operational interface, short-cut icon and menu navigator;
- ◆ USB port can be matched with the balance. Weighing data can be directly output to U disk by excel form, and transform to various document format.
- ◆ Advanced user management functions, The administrator can set the access rights of different menus to protect the important weighing parameter settings from being modified;
- ◆ RS232/485 interface for bidirectional communication between balances and computers, printers, PLCs and other external devices;



Ring shape halogen lamp heating

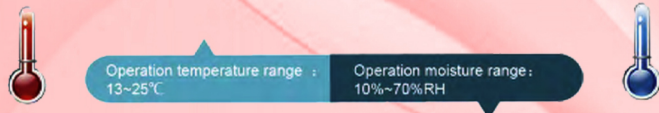


3 kinds of heating mode and 3 kinds of power-off mode for user's option



- ⊙ Saving much drying time;
- ⊙ Uniform heating, clean, efficient and energy-saving.

- ⊙ Standard heating, staged heating, weightless heating mode
- ⊙ Automatic power-off, manual power-off, timing power-off mod



- ⊙ Advanced temperature and humidity control system to avoid interference caused by free moisture.
- ⊙ Real-time graph display, intuitive observation of moisture changes.



Moisture Determination



Drying Percentage



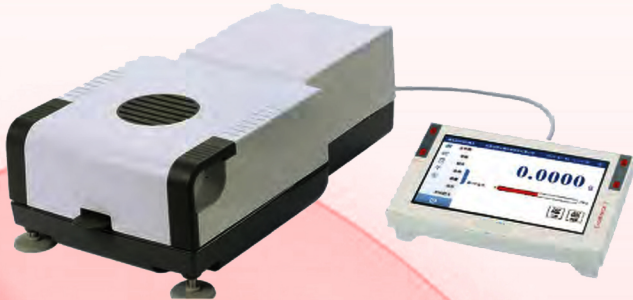
Visual Drying Process

Rapid Moisture Analyzer technical parameters: ▶

Model		XZ-F103	XZ-F104
Readability		1mg	0.1mg
Moisture Readability		0.01%	0.001%
Readability of Moisture Content (Standard Deviation)	>2g	0.5%	0.2%
	<10g	0.2%	0.1%
Heating Temperature Range		External Weight Calibration	
Interface		310 x 205 x 200	
Weighting Pan Dimension		120g	
Preheat Time		13~25°C	
Heating Device		Halogen Lamp (ring shape 450W)	
External Dimension		Φ90mm	
Max.Capability		20-30min	
Operational Temperature Range		60-160 (1°C at interval)	
Calibration way		2*USB, RS232	

Exzellenz II Series

Professional Rapid Moisture Analyzer



XZ-F103A / XZ-F104A

Product overview >

rapid moisture analyzer, based on electronic balance, equip high precision weighing sensor and halogen lamp heating device; Halogen moisture analyzer is the reliable solution for customer to determine moisture percent of the sample.

This type of durable and in-expensive halogen moisture analyzer derives from rich experience in precision equipment manufacture and professional acknowledge accumulation of moisture determination for years.

Scope of application >

testing of free moisture in sample of food, tea, powder, rubber chemical raw material, grain, pharmacy, electronics, semiconductor and other industries.



Moisture Determination



Drying Percentage



Visual Drying Process

Exzellenz II series >

- ◇ Operation procedure quickly and one key drying method;
- ◇ Enter temperature and time adjustment with one key, and the buzzer indicates the end of heating time;
- ◇ Transparent glass windshield, sample seen clearly.
- ◇ Adopts rear electromagnetic sensor;
- ◇ Multi-group applicable parameter preinstalled and multi-group formula parameter prestored;
- ◇ Min. Capacity display, real-time display, graphical printing;
- ◇ Linux operating system supports on-line update of system;
- ◇ 7" intelligent capacitive touch screen, clear operational interface.
- ◇ USB port mouse or wireless mouse can be matched with the balance, simple operation as computer;
- ◇ USB port can be matched with the balance. Weighing data can be directly output to U disk by excel form, and transform to various document format.
- ◇ Advanced user management functions, The administrator can set the access rights of different menus to protect the important weighing parameter settings from being modified;
- ◇ Equipped with advanced infrared sensors, do not touch the balance can be operated with common functions, improving the weighing efficiency and reducing the contact with the balance panel.
- ◇ The unique detachable design separates the display unit from the weighing unit to avoid the vibration of the balance when the key is operated. It can be used for monitoring the weighing process from multiple angles.
- ◇ RS232/485 interface for bidirectional communication between balances and computers, printers, PLCs and other external devices;
- ◇ Automatic calibration system, to ensure accurate weighing: when the temperature changed 1.5℃ or calibration time exceeds 2 hours, the balance will start the calibration function. Avoid the potential factors of not carrying out regular calibration or inaccurate external calibration weights, make the weighing results more accurate and reliable, and reduce unnecessary operations.



Multiple communication interfaces



- Realized graphic data printing, keep weighing results at any time;
- Realized bidirectional communication between balances and computers, printers, PLCs and other external devices. Meet the needs of different users.
- Advanced temperature and humidity control system to avoid interference caused by free moisture.
- Real-time graph display, intuitive observation of moisture changes.

7" detachable capacitive touch screen



- 3 kinds of heating mode and 3 kinds of power-off mode for user's option
- Display various parameters (graph, time, real time temperature, moisture content, solid content).



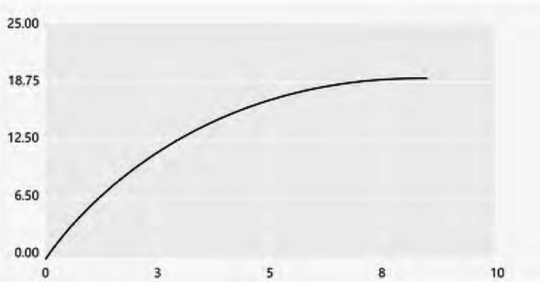
Operation temperature range : 13~25°C

Operation moisture range : 10%~70%RH



Results of weighing

2018-12-04 09:15:03



Initial weight: 5.347 g Test temperature: 140°C
 Final weight: 4.344 g Test time: 8 30
 Moisture: 18.75 %
 Test Date: 2018-04-11 09: 15: 03

Print

Export data

More data

Quit

Rapid Moisture Analyzer main technical parameters ▶

Model	XZ-F103A	XZ-F104A
Readability	1mg	0.1mg
Moisture Readability	0.01%	0.001%
Repeatability of Moisture Content (Standard Deviation)	>2g	0.5%
	<10g	0.2%
Interface	2*USB, RS232	385x 200 x 120mm
Calibration way	2 USB、1RS232	

Classic Rapid Moisture Analyzer (Readability of 5mg and moisture resolution of 0.01%)



XS-F102/F103/F104

Product overview >

rapid moisture analyzer, based on electronic balance, equip high precision weighing sensor and halogen lamp heating device; Halogen moisture analyzer is the reliable solution for customer to determine moisture percent of the sample.

This type of durable and in-expensive halogen moisture analyzer derives from rich experience in precision equipment manufacture and professional acknowledge accumulation of moisture determination for years.

Scope of application >

testing of free moisture in sample of food, tea, powder, rubber, chemical raw material, grain, pharmacy, electronics, semiconductor and other industries.

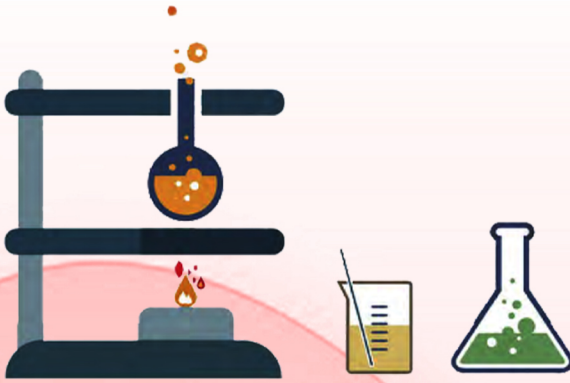


XS series ▶

- ◇ 3 kinds of power-off mode: automatic power-off, manual power-off timing power-off ;
- ◇ Highly precision humidity sensor enable to minimize effect of moisture on operation;
- ◇ Highly sensitive temperature sensor enable to minimize effect of temperature on operation;
- ◇ Large LCD display panel,bright and clear,provides user with easy operation and read;
- ◇ Streamlined design, high strength, strong anti-leakage, anti-static, anti-corrosion characteristics, suitable for a variety of occasions;
- ◇ Standard RS232 interface for bidirectional communication between balances and computers, printers and other external devices.
- ◇ Ring shape halogen lamp enables heating inside sample, saving much drying time and making heating uniform clean, efficient and energy-saving. (Halogen lamp is a kind of lamp that halogen gas, such as iodine or bromine is poured into infared lamp. Sublimated tungsten reacts with halogen under high temperature and then freezes again onto tungsten wire. So the recycle protects tungsten wire from broken unexpectedly.)

3 kinds of heating mode

Graphic data display



- Standard heating mode;
 - Staged heating mode;
 - Weightless heating mode.
- Large LCD display panel
 - Bright and clear, easy to read
- Advanced temperature and humidity control system to avoid interference caused by free moisture.
 - Real-time graph display, intuitive observation of moisture changes.



Operation temperature range :
13~25°C

Operation moisture range :
10%~70%RH



%M

Moisture Determination

%D

Drying Percentage



Visual Drying Process

Rapid Moisture Analyzer technical parameters: ▶

Model	XS-F102	XS-F103	XS-F104
Readability	5mg	1mg	0.1mg
Moisture Readability	0.01%	0.01%	0.001%
Readability of Moisture Content (Standard Deviation)	>2g	1%	0.5%
	<10g	0.5%	0.2%
Calibration way	External Weight Calibration		
External Dimension	310 x 205 x 200		
Max.Capability	120g		
Operational Temperature Range	13~25□		
Heating Device	Halogen Lamp (ring shape 450W)		
Weighting Pan Dimension	Φ90		
Preheat Time	20-30min		
Heating Temperature Range	60-160 (1°C at interval)		
Interface	2*USB, RS232		