

MS1000KF

General Electronic Balance



Video



Contact us

Mikrosize Precision Instrument Co.,Ltd

A-4035 RuiFeng Business Expo, Wuhu City, China , 241000.

Web: www.mikrosize.com

Email: mikrosize@mikrosize.com



Features and Applications

Product Features

- Utilizes high-stability sensors + high-precision ad conversion chip + microcontroller intelligent control.
- Supports linear calibration (multi-point calibration) to ensure full-range accuracy.
- Unit conversion across 8 units: g, lb, ct, oz, tl, oz-t, dwt, gn
- Counting function with preset base quantity (10-500pcs) for automatic item counting.
- Percentage mode for quick mass comparison between items and a reference.
- One-key tare function
- Switchable backlight.
- Equipped with RS232 interface (9600bps baud rate); data frames include sign, value, and unit.
- Printing function with three modes (manual/auto/-continuous), compatible with external devices (optional bluetooth printer).
- Dual power supply (ac adapter standard / battery optional) with low-voltage indicator
- Anti-interference design: minimizes impact from vibration, airflow, strong light, and static electricity.
- Overload protection with alert to prevent sensor damage
- Self-diagnosis with error codes and troubleshooting guide.
- Complies with the gb/t 26497-2011 industry standard for electronic balances.



Product Application

- Industrial quality control
Material weighing on production lines; component counting.
- Commerce & agriculture
Commodity trading (e.g., precious metals, herbal medicines) with quick unit switching (g/oz);
Batch counting of seeds/granular agricultural products.
- Educational institutions
Physics/chemistry lab teaching; foundational weighing and calibration practice



Product Details



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|--------------------|------------|-----------------|---------------------|
| 1. Pan | 2. Display | 3. Power Button | 4. Backlight Switch |
| 5. Calibration Key | 6. Mode | 7. Tare Key | |



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| 1. Power Cord Interface |
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Operation Interface

Calibration



The counting function features convenient operation, adjustable counting precision, wide application range, high efficiency and accuracy, synergy with other functions, and real-time display and feedback;

Backlight



Press the BL key to turn the backlight on or off.

Operation Interface

Unit



Total of 8 units: g, oz, ct, lb, tl, ozt, dwt, GN

Operation Interface

Counting



Set a reference quantity to enable automatic counting of identical items. Adjustable preset options: 10, 20, 50, 100, 200, 500 (6 available presets).

Percentage

Percentage Mode: Quickly compares the mass percentage between samples and a reference object.



Printing



When 'PRT' appears on the display, the printer mode is activated. Three output modes are available: Manual/Auto/Continuous.

Over-Load Protection



The display shows a warning when exceeding capacity to prevent sensor damage.



Technical Specification

Name	Electronic Balance
Model	MS1000KF
Pan	165×165 mm (304 stainless steel)
Display	LCD with white backlight (95×25 mm) (LED optional)
Units	g、oz、ct、lb、tl、ozt、dwt、GN
Functions	Counting,%, full range tare, over-load protection, low-battery indicator
Speed	2s
Value Stable Time	0.5
Certificate	CE, ISO, ROHS,C-TICK
Readability	1g
Capacity	0-1kg (0-1000g)
Repeatability	≤1g
Linearity	≤2g
Material Breakdown	ABS house, iron stainless, aluminium sensor
Outline Dimension L×W×H	260×180×70 mm
Power	AC(rechargeable battery optional)

Standard Delivery

Name	Qty	Photo
Electronic Balance Main Unit	1	
Stainless Steel Weighing Pan	1	
Power Cord	1	
User Manual	1	
Inspection Certificate, Warranty Card	each 1	

Optional Delivery

Optional Accessories

Draft shield

Standard calibration weights

Printer

Rechargeable battery

Display (LCD/LED optional)

Weighing pans in different sizes & shapes (square/round optional)

Tri-color warning light

Selectable Ranges And Resolution

Capacity	Resolution		
60g	1mg		
100g	1mg	0.01g	
200g	1mg	0.01g	
300g	1mg	0.01g	0.1g
500g	1mg	0.01g	
600g	0.01g	0.1g	
1000g	0.01g	0.1g	1g
2000g	0.01g	0.1g	
3000g	0.1g		
5000g	0.1g		
10000g	0.1g		