



固体组件

**FA/JA-J型電子密度(比重)分析天平**是在FA/JA系列電子天平的基礎上進行開發的專用功能，同樣了採用高穩定性的電磁平衡式傳感器和單晶片組成的智能化天平。它除了具有測量液體/固體比重的功能外，還保留了分析天平的所有功能。電子比重天平稱量準確，快速穩定，操作簡單，功能齊全，適用於工業、農業、商業、學校、科研等單位作快速測定液體/固體的密度、質量和數量。

**Product instrument:**

FA/JA-J series electronic density (specific gravity) analytic balance is a smart balance specially developed with the adoption of electromagnetic balance sensor and single chip microcomputer of high stability on a basis of FA/JA series electronic balance. In addition to the measurement function of liquid/solid proportion, it also reserves all functions of an analytic balance. With accurate weighing, stable, rapid and easy operation, as well as complete functions, electronic specific gravity balance is extensively applied to rapid measure density, mass and quantity of solid/liquid in industry, agriculture, commerce, school and research institute.

**特點:**

- 人性化設計、結構新穎、五面全透明玻璃防風罩。採用新一代電磁平衡式稱量傳感器，保證了產品的高精度。具有全自動故障檢測，綫性四點校準，超載保護等應用程序。
- 採用的超大數字集成型電路板，是產品精度的保障。
- 天平具有“正在預熱”“正在校準”、屏保等應用程序。
- 超大帶背光液晶顯示屏，使操作者視覺更柔和、清晰。
- 密度值直讀，操作簡單、便捷。

**Feature:**

- Humanized design, novel design and five-side full-transparent windshield. A new-generation electromagnetic balance weighting sensor guarantees high precision. Application programs such as automatic fault detection, four-point linear calibration and over-load protection.
- The adoption of ultra-large digital integrated printed circuit board guarantees high product precision.
- Application programs such as "warming", "calibrating" and screen saver.
- Ultra-large backlight LCD display brings clearer and more comfortable visual sense to operator.
- Direct reading of density value, easy and fast operation.

**功能:**

- 具有計數、單位轉換(米制克拉、金盎司等)、穩定度、全量程扣重、零點跟踪等多種功能，操作更簡便可靠。
- 使天平的操作更加簡便快捷，性能穩定、準確。
- 內置RS232C輸出接口，可直接連接電腦、印表機等外部設備。
- 內置式下稱吊鉤。
- 可測量固體、液體密度，標準液體密度選擇，標準物選擇，標準物體積標定。

**Function:**

- Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion (metric carat, gold ounce, etc.), stability, full-scale faring, zero-memory, etc.
- Built-in automatic calibration guarantees easier, faster, stable and accurate operation of the balance.
- Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.
- Built-in lower weighing hook guarantees convenient use.

型號 Model	最大稱量 Maximal range	最小讀數 Smallest division	外形尺寸 Outline Dimension	外包裝尺寸 Out Packing Dimension	淨重 Net weight
FA2104J	210g	0.1mg	350mmX215mmX340mm	480mmX375mmX515mm	6.8kg
FA2004J	200g	0.1mg	350mmX215mmX340mm	480mmX375mmX515mm	6.8kg
FA1004J	100g	0.1mg	350mmX215mmX340mm	480mmX375mmX515mm	6.8kg
JA5003J	500g	1mg	350mmX215mmX340mm	480mmX375mmX515mm	6.8kg
JA3003J	300g	1mg	350mmX215mmX340mm	480mmX375mmX515mm	6.8kg
JA2003J	200g	1mg	350mmX215mmX340mm	480mmX375mmX515mm	6.8kg

**技術參數:**

液體比重範圍: 0-2.0000  
 比重標準: 以20℃純水的比重為1.0000  
 測錘排水量: 5cm<sup>3</sup>  
 準確度: 0.0001

**Technical data:**

**Liquid proportion range:** 0-2.0000  
**Proportion standard:** 1.0000 for pure water at 20℃  
**Plumb bob discharging capacity:** 5cm<sup>3</sup>  
**Accuracy:** 0.0001



該計量儀器為測定液體密度的專用天平。  
 This is a special balance to measure liquid density.

**特點:**

採用瑪瑙刀座，保證了天平的靈敏度和準確性。本質包裝，使攜帶更方便，操作更簡單。重要部件採用不銹鋼材料，强度高，穩定性好。

**Feature:**

The adoption of agate cushion guarantees good flexibility and accuracy of the balance. Substantially package is used for good portability and easy operation. Key parts are made of stainless steel with high intensity and good stability.

**功能:**

本天平適用於電子、橡膠、食品、造紙、機械加工等行業，對於樹脂、金屬、玻璃以及各種化學溶液等材料的測定。

**Function:**

This balance is widely applied to measure resin, metal, glass and chemical liquid in electronics, rubber, food, paper and machinery processing industries.

**技術參數:**

液體比重範圍: 0-2.000  
 比重標準: 以20℃純水的比重為1.000  
 測錘排水量: 5cm<sup>3</sup>  
 準確度: 0.001  
 外形尺寸: 215mmx90mmx262mm  
 外包裝尺寸: 255mmx186mmx133mm  
 淨重: 1.5kg

**Technical data:**

**Liquid proportion range:** 0-2.0000  
**Proportion standard:** 1.0000 for pure water at 20℃  
**Plumb bob discharging capacity:** 5cm<sup>3</sup>  
**Accuracy:** 0.0001  
**Outline dimension:** 215mmx90mmx262mm  
**Out Packing dimension:** 255mmx186mmx133mm  
**Net weight:** 1.5kg



【液體】



【固體】

**電子MD密度(比重)天平****ELECTRONIC MD DENSITY (SPECIFIC GRAVITY) BALANCE****介紹:**

測定固(液)體密度(比重)的專用計量儀器。適用於電子、橡膠、食品、造紙、機械加工等行業，對於樹脂、金屬、玻璃以及各種化學溶液等材料的測定。

**Introduce:**

This is a special balance to measure solid (liquid) density (specific gravity), which is widely applied to measure resin, metal, glass and chemical liquid in electronics, rubber, food, paper and machinery processing industries.

**特點:**

利用阿基米德原理，採用浸液法可以進行各種比重測定。只需按天平所顯示信息的提示進行操作，即可直接讀取比重值，快速。

**Feature:**

Specific gravity is measured in immersion method under Archimedes' principle. Operate as per clues displayed on the balance, then specific gravity value can be directly, rapidly and conveniently read out.

**功能:**

具有精密電子天平的技術性能，內置RS-232C輸出接口，可以與電腦、印表機等外部設備連接使用。與比重測定配套組件配合可進行固(液)體比重測定。

**Function:**

Technical performance of electronic precision balance; built-in RS-232C output interface allows direct connection to external equipment such as computer and printer. Solid (liquid) gravity can be measured under the cooperation of supporting annex.

型號/Model	MD-100	MD-200
最大稱量/Maximal range	100g	200g
最小讀數/Minimal reading	10mg	10mg
弓形架/Fixed support	H=203mm	
測量臺板/Measuring platform	Φ110	
淨重/Net weight	1kg	1kg
外形尺寸/Outline dimension	250mmX180mmX246mm	
外包裝尺寸/Out Packing dimension	335mmX255mmX252mm	

**配套附件:**

測量臺板、量杯、弓形架、溫度計、雙鈎碼、白金絲、測錘、網籃、天平主機、適配器、標準砝碼。

**Supporting annex:**

Measuring platform, measuring cup, fixed support, thermometer, double-hook weights, platinum wire, plumb bob, wire basket, balance body, adaptor and standard weights.