

Analytical Balance – Oriental MT5003H



The **Oriental MT5003H** analytical balance, developed under the **Starcraft Medical Group**, offers ultra-high precision for laboratories, research, and industrial quality control.

With **0.001 g readability** and a maximum capacity of **500 g**, it uses advanced **Electromagnetic Force Compensation (EMFC) Load Cell** technology, ensuring stable and repeatable results.

Certified ISO, CE, and RoHS compliant – it ensures long-term reliability and adherence to international standards.

Metrological Parameters

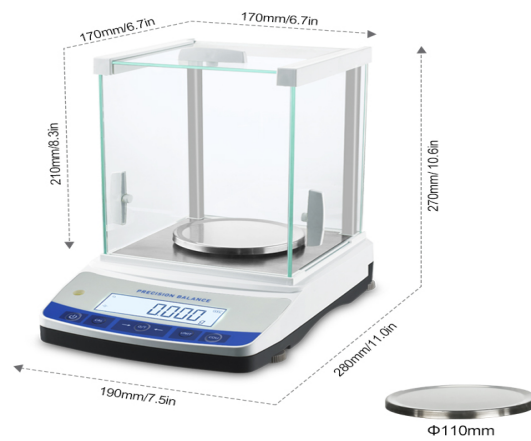
Maximum Capacity	500 g
Readability	0.001 g
Linearity	±0.002 g
Repeatability	≤0.002 g
Technology	Electromagnetic Force Compensation (EMFC) Load Cell

Physical Parameters

Weighing Pan	Stainless Steel, Φ110 mm
Dimensions	280 × 190 × 270 mm (with glass chamber)
Display	LCD with LED backlight
Housing	Reinforced ABS engineering plastic with glass draft shield
Net Weight	≈ 3.5 kg

Communication Interfaces

RS-232	Standard
USB	With PL2303 driver
Baudrate	Default 9600 bps (configurable)
Data Output	Manual / Stable / Continuous



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