Analytical Balance

Brand **Master Science** | Unit **Pc**





Analytical balances are highly sensitive laboratory instruments designed for precise measurements, often utilized in quantitative chemical analysis. These balances can measure small masses in the sub-milligram range with exceptional accuracy, offering readability up to 0.0001g.

KEY HIGHLIGHTS

- LCD Display
- Functionalities
- Adjustments
- Additional Functions
- Weighing Modes

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

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Key Features

ELECTROMAGNETIC FORCE SENSOR

LCD Display
White backlight with black front

Functionalities
Tare, Counting, Unit Conversion

Adjustments
Sensitivity, Speed, Percentage

DENSITY FUNCTION

Additional Functions
Accumulation, Peak Hold, Upper and Lower Set Points

Weighing Modes
Dynamic, Net and Gross, Clock Function (optional)

Print Function
Baud rate setting, Continuous or Press Communication

CALIBRATION TIME SETTING

Alarms
Overload, Fault, Level Indicator

Additional Information
Analytical balances are integral in settings requiring high precision, ensuring reliable and repeatable measurements for scientific research and industrial applications.

Technical Specifications

PARAMETER	SPECIFICATION
Capacity	100g
Resolution	0.0001g
Minimum Weighing	0.0004g
Stable Time	≤3 seconds
Display	LCD (white backlight with black font)
Pan Size	Φ80mm (Standard), Φ90mm (Optional)
Operating Temperature	5-35°C
Repeatability	±0.0002g
Linearity	±0.0003g
Dimensions	300 x 200 x 295 mm
Draft Shield Size	180 x 175 x 200 mm
LCD Size	96 x 24 mm
Calibration	External Calibration
Options	RS232C (Standard), Printer (Optional)
Packing Size	425 x 320 x 415 mm
Gross Weight	8.0 kg

Optional Accessories

- Density Kit (for solids/liquids), Printer