



Meshindia
Analytics Private Limited

**ANALYTICAL &
HIGH PRECISION
BALANCE**

2025

Mesh-India Offers A Versatile
Range Of Weighing And
Analysis Instruments Suitable
For Laboratory & Industrial Use.

www.meshindiaanalytics.com

MIA225N Semi-Micro Balance



Advantages

- Electromagnetic force sensor
- Super bright detachable displayer
- Multi-unit weighing function, customizable units
- RS232 and USB bidirectional interface
- Glass windshield–antistatic material
- Fast sensitivity setting
- Below weighing system
- Time display
- The weighing results can be exported to Excel
- Built-in auto calibration system (Internal calibration model)
- Built-in stand-alone dual program (0.1mg)
- 0.01mg readability, 220g capacity
- Ultra-high precision for pharma/R&D
- GMP/GLP

Weighing function

- Basic weighing
- Dynamic weighing
- Piece counting
- Percent weighing
- Density determination
- Σ weighing function
- Pipette calibration function
- GMP

MIA225N

Semi-Micro Balance

Parameter	Specification
Capacity	220 g
Readability	0.01 mg
Stable Time	3 seconds
Preheating	30–60 minutes
Weighing Units	g / oz / ct / mg
Minimum Weight	1 mg
Repeatability	±0.03 mg
Linearity	±0.05 mg
Interface	RS232 / USB
Pan Size	Φ90 mm
Packing Size	Inner carton: 43×32×41.5 cm Master carton: 49×38×48.5 cm
Net Weight (N.W.)	6280 g
Power Supply	AC 110V – 240V

MIA224N Analytical Balance



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MIA224N

Analytical Balance

Parameter	Specification
Capacity	0-220 g
Readability	0.1 mg
Stable Time	2 seconds
Preheating	30-60 minutes
Weighing Units	g / oz / ct / mg
Minimum Weight	10 mg
Repeatability	±0.2 mg
Linearity	±0.3 mg
Interface	RS232 / USB
Pan Size	Φ90 mm
Packing Size	Inner carton: 43×32×41.5 cm Master carton: 49×38×48.5 cm
Net Weight (N.W.)	6280 g
Power Supply	AC 110V – 240V

MIA3003S

High Precision Balance



Main Features

- High contrast LCD display
- Big size stainless steel scale pan
- Glass windshield
- Automatic fault detection & overload protection
- Unit conversion: g/oz/ct/%, etc.
- Tare function
- RS232C interface (USB optional)
- Below weighing facility (Optional)
- Dual display (Optional)
- Battery powered (4 x AA, Optional)
- Precision balance with strain gauge load cell, 1mg readability, 300g capacity.
- Supports multiple functions: tare, percent weighing, piece counting, etc
- External calibration, Rugged for field/lab use.

MIA3003S

High Precision Balance

Parameter	Specification
Capacity	0-300 g
Readability	1 mg
Repeatability	±2 mg
Linearity	±2 mg
Interface	RS232C / USB (Optional)
Pan Size	Φ90 mm
Product Size	32 × 19.5 × 28 cm
Packing Size	37.5 × 25.5 × 34 cm
Net Weight (N.W.)	2600 g
Gross Weight (G.W.)	3500 g
Power Supply	110V / 220-240V AC

Analytical & High Precesion Balance

MIA31 Moisture Analyzer



Main Features

- Bright LCD display with backlight
- HBM load cell for precision
- 10 measurement models storage
- RS232 interface
- Halogen lamp heating
- Moisture analyzer with 0.001g readability
- Temperature range up to 180°C ideal for food, pharma, and chemical sectors.

Parameter	Specification
Capacity	0–120 g
Readability	0.001 g / 0.01%
Repeatability	≥15 g, 0.04%
Temperature Range	45–180 °C
Ambient Temperature Range	15–35 °C
Pan Size	Φ110 mm
Product Size	32.5 × 20.5 × 16.5 cm
Heat Source	Halogen lamp



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