

# MICRO BALANCES

## MB SERIES

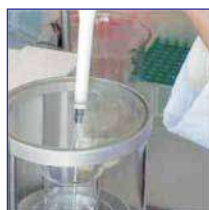


EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)



Pipette



Filter Micro Balance

**Analytical MB Series** is designed to meet the highest requirements for determination of mass. Its built-in system of automatic internal adjustment/calibration maintains excellent measurement reliability and accuracy. The device comprises two major components (an indicator and a precise mechanical measuring system which are enclosed separately). Such design eliminates an influence of heat sourcing from instrument's electronics on its mechanical components and additionally protects it from shocks and vibrations caused by users operating the instrument. All the elements of a microbalance are made of glass and steel which eliminates an impact of electro statics on weighing process.

- Internal Calibration / Adjustment Inside the balance housing are built in motorized calibration / adjustment weights.
- ISO CAL Perfect Self Auto Calibration When the ambient temperature changes by a specific value or once a defined time interval has elapsed, it performs External Calibration.
- ISO 8655 & 4787 NABL Micro Pipette standard as per FDA rule compliance.

**USP (United States Pharmacopeia) 21CFR Part 11 Compliance Available on Request.** Performance Depending on the installation location and environmental conditions, the value could be higher.

### Laboratory Weighing Application

- Food
- Pharmaceutical
- Research Institute
- Testing Laboratory
- Pollution Control Board
- Environmental Testing Laboratory
- Mass and Volume Testing Laboratory
- Hospital Research Lab

## ►► Specifications

MODEL	MB 2U	MB 5	MB 6.1	MB 11	MB 21	MB 31	MB 2F	MB 5F	MB 11P
CAPACITY	2.1 g	5 g	6.1 g	11 g	21 gm	31 gm	2 gm	5 gm	11 gm
READABILITY	0.1 µg	1 µg	1 µg	1 µg	1 µg	1 µg	1 µg	1 µg	1 µg
REPEATABILITY (+/-)	0.3 µg	1 µg	1 µg	1 µg	3 µg	8 µg	1 µg	1 µg	3 µg
LINEARITY (+/-)	1.5 µg	5 µg	5 µg	6 µg	8 µg	10 µg	5 µg	5 µg	6 µg
Min. Weight as per USP	0.3 mg	2 mg	2 mg	6 mg	8 mg	10 mg	2 mg	2 mg	6 mg
PAN SIZE (MM/INCH)	30Ø / 1.2Ø						50-100Ø		15Ø/ 0.6Ø
RESPONSE TIME	6 - 8 sec.								
CALIBRATION	Perfect Auto Internal Time & Temp Controlled Smart Calibration								
DISPLAY	Alpha Numerical Backlite Display with A.E.P.								
UNITS OF MEASURE	g, mg, ct, GN, mo, oz, dwt								
SENSITIVITY DRIFT	± 1ppm / °C in temperature +15° to 35°C								
INTERFACES	RS-232C or USB								
TARE RANGE	Full Capacity								
OPERATING TEMP.	18°C ~ 30°C								
PROTECTION	User Administration & Password Protection								
TERMINAL	Detachable & Adjustable Display Terminal								
APPLICATION MODES	PCS, % Weighing, Animal/Dynamic Weighing, Check Weighing, Automatic Density Determination Formulation etc.								
COMPLIANCE	ISO GLP / GMP Compliance								
POWER SUPPLY	A/C Adapter 230 V or 115V +/- 20% 50-60 Hz								
WEIGHING CHAMBER	90 mm Ø								
NET WT. / GROSS WT.	10.20 kg / 14.70 kg								
PACKING SIZE (mm/inch)	565 x 565 x 355 / 22.2” x 22.2” x 14” (L x W x H)								

## ►► Regulatory compliances



## ►► Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



# Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [info@analyticalfoundation.org](mailto:info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

## ►► Reach us @



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