

# Micron Gold, Silver and Carat Balances The Highest Precision "Made in India"



Precision Weighing...

Manufactured By  
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### Gold Balances :- Load Cell Technology

Micron Gold balances are a synthesis of design, performance and convenience. Thanks to a sophisticated software and high performance load cell, these balances deliver top performance at competitive prices.

**Main Features:-**

- Highly Precise HBM Load Cell of Germany.
- High-Contrast Graphical LCD Display with Backlit.
- External Calibration and adjustment function.
- Strong and Stable Aluminium Dia-Cast Base Structure.
- Dual RS232 Serial communication Port.
- Anti-static glass windshield (Optional for 150mm Ø Pan).
- Lithium Iron Battery Backup.
- Dimensions (L x W x H) : 275 x 190 x 85 mm
- Dimensions (L x W x H) : 290 x 210 x 95 mm



Model	Capacity	Readability	Calibration	Pan Size
MIC622L	620 g	0.01 g	External	150 mm Ø
MIC822L	820 g	0.01 g	External	150 mm Ø
MIC1202L	1200 g	0.01 g	External	150 mm Ø
MIC1502L	1500 g	0.01 g	External	150 mm Ø
MIC2202L	2200 g	0.01 g	External	180x180 mm
MIC3202L	3200 g	0.01 g	External	180x180 mm

### Gold Balances :- Load Cell Technology

These balances has all necessary features to obtain precised and reliable result with a low price. The refined design, the small dimensions, the backlit LCD display and many onboard software functions make these balances a product with best quality over price.

**Main Features:-**

- Highly Precise HBM Load Cell of Germany.
- High-Contrast Graphical LCD Display.
- White Backlit with Power-Saving Mode.
- External Calibration and adjustment function.
- Strong and Stable Aluminium Dia-Cast Base Structure.
- Dual RS232 Serial communication Port.
- Anti-static glass windshield.
- Lithium Iron Battery Backup.
- Dimensions (L x W x H) : 270 x 190 x 240 mm



Model	Capacity	Readability	Calibration	Pan Size
MIC103L	100 g	0.001 g	External	90 mm Ø
MIC223L	220 g	0.001 g	External	90 mm Ø
MIC323L	320 g	0.001 g	External	90 mm Ø
MIC423L	420 g	0.001 g	External	90 mm Ø
MIC523L	520 g	0.001 g	External	90 mm Ø
MIC623L	620 g	0.001 g	External	90 mm Ø

## Gold Balances :- EMFC Monoblock Technology

Micron Gold balances offers top performance and the highest level of convenience. These balances are guaranteed to deliver precious result with the help of cutting edge technology. They have uncompromisingly better technical features along with the highest level of ergonomics.



### Main Features:-

- External calibration and adjustment function.
- Fully automatic, built-in calibration and adjustment for -I Models.
- High - contrast display with 16mm digits.
- White backlit display.
- EMFC Monoblock weigh cell.
- RS232 Serial communication Port.
- Dimensions (L x W x H) : 290 x 210 x 95 mm

Model	Capacity	Readability	Calibration	Pan Size
MIC1202E	1200 g	0.01 g	External	180x180 mm
MIC2202E	2200 g	0.01 g	External	180x180 mm
MIC3202E	3200 g	0.01 g	External	180x180 mm
MIC4202I	4200 g	0.01 g	Internal	160 mm Ø

## Gold Balances :- EMFC Monoblock Technology

Micron gold balances cover an especially wide range of applications: whether you need to determine the weight of gold, platinum Jewellery or that of gold coins or gold ingots, you name it, we have just the right scales.

These balances features an ideal application-specific design for fast, reliable and accurate measurement.

### Main Features:-

- External calibration and adjustment function.
- Fully automatic, built-in calibration and adjustment for -I Models.
- High contrast display with 16mm digits.
- White backlit display.
- EMFC Monoblock weigh cell.
- RS232 & USB communication Port.
- Dimensions (L x W x H) : 285 x 210 x 265 mm



Model	Capacity	Readability	Calibration	Pan Size
MIC223E	220 g	0.001 g	External	110 mm Ø
MIC223I	220 g	0.001 g	Internal	110 mm Ø
MIC323E	320 g	0.001 g	External	110 mm Ø
MIC323I	320 g	0.001 g	Internal	110 mm Ø
MIC423E	420 g	0.001 g	External	110 mm Ø
MIC423I	420 g	0.001 g	Internal	110 mm Ø
MIC723I	720 g	0.001 g	Internal	110 mm Ø
MIC1203I	1200 g	0.001 g	Internal	110 mm Ø

### Carat Balances :- Load Cell Technology

The fusion of design and quality, these balances encompass all the experience of higher class models in a small footprint compact balances. Solid structure, ergonomic keypad and many embedded software functions make these balances well featured product at very competitive price.

#### Main Features:-

- Highly Precise HBM Load Cell of Germany.
- High-Contrast Graphical LCD Display.
- White Backlit with Power-Saving Mode.
- External Calibration and adjustment function
- Strong and Stable Aluminium Dia-Cast Base Structure.
- Dual RS232 Serial communication Port
- Anti-static glass windshield.
- Lithium Iron Battery Backup.
- Dimensions (L x W x H) : 270 x 190 x 240 mm



Model	Capacity	Readability	Calibration	Pan Size
MIC53CL	50 ct	0.001 ct	External	45 mm Ø
MIC113CL	110 ct	0.001 ct	External	45 mm Ø
MIC153CL	150 ct	0.001 ct	External	45 mm Ø
MIC253CL	250 ct	0.001 ct	External	45 mm Ø
MIC503CL	500 ct	0.005 ct	External	90 mm Ø

### Carat Balances :- EMFC Monoblock Technology

Micron Carat balances are designed for high-precision weighing of diamond, gemstone and semi-precious stones for every day use by traders and Jewellers. Each Micron Carat balances features an ideal application-specific design for fast, reliable and accurate measurement.

#### Main Features:-

- External calibration and adjustment function.
- Fully automatic, built-in calibration and adjustment for -I Models.
- High - contrast display with 16 mm digits.
- White backlit display.
- EMFC Monoblock weigh cell.
- RS232 & USB communication Port.
- Dimensions (L x W x H) : 285 x 210 x 265 mm



Model	Capacity	Readability	Calibration	Pan Size
MIC124E	600 ct	0.001 ct	External	90 mm Ø
MIC124I	600 ct	0.001 ct	Internal	90 mm Ø
MIC224E	1100 ct	0.001 ct	External	90 mm Ø
MIC224I	1100 ct	0.001 ct	Internal	90 mm Ø

## Semi-Microbalances :- EMFC Technology

Micron Semi-Microbalances offers high accuracy and repeatability up to 5 Decimal places for special weighing applications in jewellery Industry.

Featuring a cast metal lower housing, sub-pan and stainless steel weighing pan, these semi microbalances are durably constructed for versatile, long-term use.

### Main Features:-

- Electromagnetic force restoration weighing system.
- LCD with adjustable backlight contrast.
- Fully automatic calibration and adjustment function.
- RS232 Serial communication Port.
- User selectable environmental filter to deliver quick and accurate result.
- Dimensions (L x W x H) : 345 x 215 x 345 mm



Model	Capacity	Readability	Calibration	Pan Size
MIC125D	62/120 g	0.01/0.1 mg	Internal	80 mm Ø
MIC215D	82/220 g	0.01/0.1 mg	Internal	80 mm Ø
MIC225D	102/220 g	0.01/0.1 mg	Internal	80 mm Ø

## Silver Balances :- Load Cell Technology

Micron Silver Weighing balances combine convenience with high accuracy for daily weighing needs.

Thanks to a sophisticated software and high performance load cell, these balances reach superior weighing capacity.

These silver balances are built with aluminium die-cast housing, which features overload protection ensures its longevity.

### Main Features:-

- Highly Precise HBM Load Cell - Germany.
- High-Contrast Graphical LCD Display with Backlight.
- External Calibration and adjustment function.
- Strong and Stable Aluminium Dia-Cast Base Structure.
- RS232 Serial communication Port.
- Lithium Iron Battery Backup.
- Dimensions (L x W x H) : 290 x 210 x 95 mm
- Dimensions (L x W x H) : 390 x 360 x 110 mm



Model	Capacity	Readability	Calibration	Pan Size
MIC6201L	6.2 kg	0.1 g	External	180x180 mm
MIC8201L	8.2 kg	0.1 g	External	180x180 mm
MIC10001L	10 kg	0.1 g	External	180x180 mm
MIC15001L	15 kg	0.1 g	External	250x330 mm
MIC20001L	20 kg	0.1 g	External	250x330 mm
MIC35001L	35 kg	0.1 g	External	250x330mm

**Thermal Data Printer :- MTP10A**

- Compatible with all brands of Electronic Weighing Balances.
- Low Noise-Direct thermal printing method.
- LCD display for easy viewing of Date, time, weighing result with the Sr. No of weighments.
- Multiple number of statistical printouts.
- User-defined header & footer.
- Extra RS-232 Port for Auxiliary display.
- Long lasting life of thermal printer mechanism.



**Dot-Matrix Printer :- MTP50A**

- Compatible with all brands of Electronic Weighing Balances.
- Direct Prints out current weight value and total of all measurements, Minimum values, Range(Max-Min).
- Tare, Net, Gross Prints out these values separately.
- Sum Prints out the total value of samples.
- Automatic Timing Print out weight value at defined time intervals.



**Remote Display :- AD-02**

- High-contrast Red, Green, White LED display.
- Suitable for all types of weighing balances.
- Does not require any additional power supply.
- Compact and aerodynamic designs.



**Remote Display :- AD-03**

- High-contrast White backlit LCD display.
- Suitable for all types of weighing balances.
- Does not require any additional power supply.
- Compact and aerodynamic designs.



**Test and Calibration Weights**

- Standard : OIML - R111
- Structure : Solid Overall
- Material : 316# non-magnetic stainless steel
- Density : 7.96g/cm
- Available in OIML Class E1, E2, F1, F2
- Available with NABL and RRSL Certification.



**For Local Contact:**

