



# Mettler Toledo JET Series

## Jewellery Balances

JET gold and carat balances deliver the accuracy you need for weighing diamonds, gemstones, gold and precious metals.

### Designed to Perform

Advanced weighing technologies, solid construction, and special design features deliver the accuracy you need for weighing jewellery and precious metals.

### Intuitive Touch Screen Operation

The large colour touch screen is easy to read, even under the dazzling glare of shop lights, while the user interface is simple for anyone to use.

### Automatic Performance Testing

JET balances use internal weights to automatically test and adjust the balance, helping to ensure that weighing performance remains true.

- \* Intuitive user interface
- \* Statistical data analysis
- \* Secondary display option
- \* Hook for weighing below the balance
- \* Robust design with overload protection
- \* Bluetooth option
- \* Data transfer function
- \* 17 weighing units

### Interface

RS232, USB Host, USB Device



Touchscreen

#### Gold Balance

Model	Capacity	Readability
JET303G	320 g	0.001 g
JET603G	620 g	0.001 g
JET1003G	1020 g	0.001 g
JET1002G	1200 g	0.01 g
JET2002G	2200 g	0.01 g
JET3002G	3200 g	0.01 g
JET4002G	4200 g	0.01 g
JET6002G	6200 g	0.01 g
JET12002G	12200 g	0.01 g
JET6001G	6200 g	0.1 g

Weighing pan diameter (models JET303G - JET1003G) - 120 mm  
Weighing pan size (models JET1002G - JET12002G) - 180 x 180 mm



Touchscreen

#### Carat Balance

Model	Capacity	Readability
JET503C	505 ct / 101 g	0.001 ct / 0.1 mg
JET703C	700 ct / 140 g	0.001 ct / 0.1 mg
JET1103C	1100 ct / 220 g	0.001 ct / 0.1 mg
JET1603C	1600 ct / 320 g	0.001 ct / 0.1 mg

Weighing pan diameter (models JET503G - JET1603G) - 90 mm



Explore more



# Precious Metal Weighing Balance

## JE Series Gold and Carat Balances

JE balances fulfil all your daily jewellery weighing requirements with simple and reliable balances. Enjoy the large, bright screen and have all essential balance functions at your fingertips.

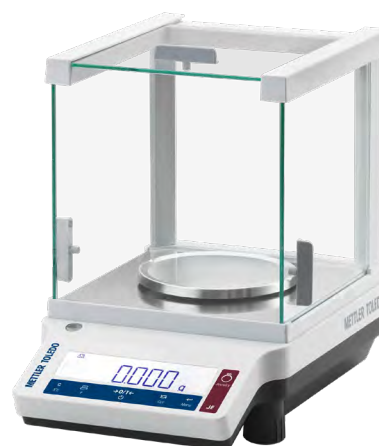
Thanks to the internal test weights, you can test and adjust your balance at any time with just the touch of a button to ensure ongoing accuracy. The solid construction provides high stability to ensure fast results and prevent the balance from moving if accidentally bumped.

Built from high quality materials, JE balance will provide you with years of reliable service.

**Interface :** RS232 x1



Model	Capacity	Readability
JE203G	220 g	0.001 g
JE303G	320 g	0.001 g
JE503G	520 g	0.001 g
JE1002G	1200 g	0.01 g
JE2002G	2200 g	0.01 g
JE3002G	3200 g	0.01 g
JE4002G	4200 g	0.01 g
JE5002G	5200 g	0.01 g



Model	Capacity	Readability
JE503C	505 ct / 101 g	0.001 ct / 0.1 mg
JE703C	700 ct / 140 g	0.001 ct / 0.1 mg
JE1103C	1100 ct / 220 g	0.001 ct / 0.1 mg

## JL Series Gold Balance JL1502GE/JL602GE

Specification	JL602GE	JL1502GE
Maximum Capacity	620 g	1520 g
Readability	0.01 g	0.01 g
Minimum Weight (U=1%, k=2), typical	1.4 g	1.4 g
Adjustment	External	External
Repeatability	0.007 g	0.007 g
Settling Time	2 s	N/A
Dimensions	225 x 67 x 194 mm	225 x 67 x 194 mm
Housing	Plastic ABS/PC	Plastic ABS/PC
Interface	RS232	RS232
Balance Model	Gold	Gold
Display	LCD backlit display	LCD backlit display
Guaranteed Repeatability	0.01g	0.01 g
Linearity	0.03 g	0.03 g
Temperature Accuracy (±)	10 ppm/°C	10 ppm/°C
Material Number	30113832	30113831

Strong and lightweight, for weighing jewellery anywhere.

**Space-saving Design:** The ultra-sleek design is perfect for small spaces. These light and compact balances are easy to carry to wherever you want to weigh.

**Bright Display:** The backlit display with large figures is easy to read in both bright and dim lighting conditions.

**Designed to last:** A stainless steel weighing pan and robust construction ensure reliable performance, day after day.



JL 1502 GE / JL 602 GE



Explore more

<https://www.harshad.com/Mettler-Toledo-JE-and-JL-Series>



# Mettler Toledo JP Series

## Jewellery Balances

### High capacity balances built to last..

Accurately weigh your heavy loads: 16200 g & 32200 g capacity, 0.1 g readability, large platform, overload protection, FACT fully automatic internal adjustment, full metal housing.

### Perfect for Heavy Loads

JP balances are extremely solid and do not move when accidentally bumped or tilt when heavy items, such as bullion, are placed on the weighing pan.

### Large Weighing Platform

The large weighing pan accommodates big items with ease. The high stability enables items such as gold bullion to be placed securely on the balance.

### Easy to Read Display

The high contrast display has large bright numbers that are easy to read, even in challenging lighting conditions.



JP16001G / JP32001G

Specification	JP16001G	JP32001G
Maximum Capacity	16200 g	32200 g
Readability	0.1 g	0.1 g
Minimum Weight (U=1% , k=2), typical	14 g	14 g
Adjustment	Internal/FACT	Internal/FACT
Repeatability (Typical)	0.07 g	0.07 g
Weighing Pan Dimensions (W x D)	351 x 245 mm	351 x 245 mm
Settling Time	1 s	1 s
Dimensions (W x D x H)	363 x 346 x 118 mm	363 x 346 x 118 mm
Housing	Die-cast aluminum	Die-cast aluminum
Interface	USB Device, RS232	USB Device, RS232
Balance Model	Gold	Gold
Display	High Contrast Display HCD	High Contrast Display HCD
Resolution	0.1g	0.1 g
Material Number	11143045	11143048



Explore more

<https://www.harshad.com/mettler-toledo>



# Micro Balance

## WXTJ3DU

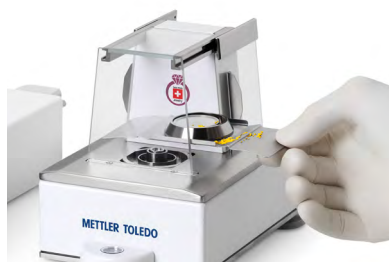
Precise weighing for your smallest jewellery samples. 1.2 / 3.2 g capacity, 0.001 / 0.01 mg readability, high resolution weighing cell, touch screen, FACT fully automatic internal adjustment, practical size. The WXTJ microbalance offers unsurpassed accuracy down to 1 microgram for weighing your smallest precious samples.

### Highly Accurate Weighing

Weigh jewelry accurately with a fine range up to 1.2 g with readability 0.001 mg (= 1 µg) and from 1.2 g to 3.2 g with 0.01 mg readability (= 10 µg).

### High Stability for Fast Results

The WXTJ balance has a solid steel and aluminum housing. This offers a high level of stability, meaning you get fast and accurate results.



### Specification

Maximum Capacity	1.2 g/ 3.2 g
Readability	0.001 mg; 0.01 mg
Repeatability (limit)	0.001 mg
Repeatability (typical)	0.0008 mg
Maximum Weight (U=1%, k=2), typical	1.6 mg
Adjustment	Internal / FACT
Weighing Pan Diameter	32 mm
Legal for Trade	No
Minimum Weight (UPS, 0.1%), typical	1.6 mg
Linearity, limit	0.02 mg
Linearity, typical	0.006 mg
Settling Time	5 s
Housing	Die-cast aluminum
Interfaces	RS 232
Balance Model	Carat; Gold
Display	Touchscreen
Guaranteed Repeatability	0.001 mg
Dimensions	127 x 261 x 165 mm
Material Number	30335763





# Semi-Micro Balance

## JE 155 DUG/00

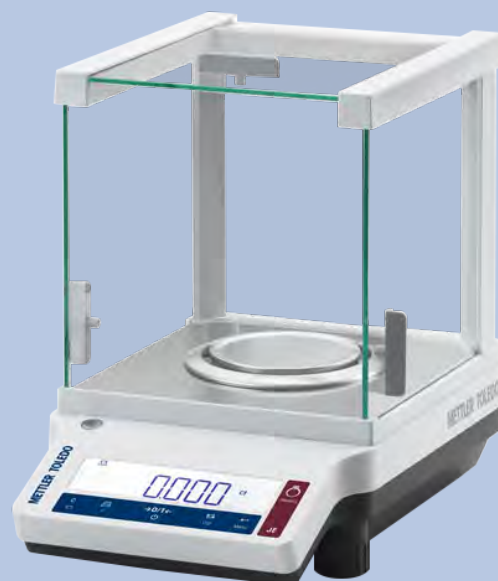
Precise weighing for small jewellery samples. 42 / 152 g capacity, 0.01 / 0.1 mg readability, bright and clear back-lit LCD, internal adjustment, passcode protection, overload protection, metal base. JE semi-micro balance enables you to weigh gold and diamonds to 5 decimal places with the utmost accuracy.

### Precise Results

Weigh to 5 decimal places with the utmost accuracy. This dual range balance offers full range readability of 0.1 mg with 0.01 mg in the fine range.

### Easy Performance Testing

Ensure accuracy by testing your balance regularly with the internal weights. At just the touch of a button, the balance tests and adjusts itself.



- \* Bright Display with Large Numbers
- \* Convenient Levelling
- \* Easy Density Measurement
- \* 8 Applications
- \* 16 Weight Units
- \* Designed to Last

### Specification

Maximum Capacity	1.2 g/ 3.2 g
Readability	0.001 mg; 0.01 mg
Repeatability (limit)	0.001 mg
Repeatability (typical)	0.0008 mg
Maximum Weight (U=1%, k=2), typical	1.6 mg
Adjustment	Internal / FACT
Weighing Pan Diameter	32 mm
Legal for Trade	No
Minimum Weight (UPS, 0.1%), typical	1.6 mg
Linearity, limit	0.02 mg
Linearity, typical	0.006 mg
Settling Time	5 s
Housing	Die-cast aluminum
Interfaces	RS 232
Balance Model	Carat; Gold
Display	Touchscreen
Guaranteed Repeatability	0.001 mg
Dimensions	127 x 261 x 165 mm
Material Number	30335763



Explore more

<https://www.harshad.com/Mettler-Toledo-Microbalance>