

Gold and Carat Microbalance For Special Jewelry Weighing Applications



Intuitive and Secure Weighing

Benefit from efficient weighing workflows thanks to intuitive touchscreen operation and customizable commands. The microbalance design is optimized for fast and secure weighing of very small samples.



Robust and Easy to Clean

Strong construction and clever design features make cleaning quick and easy. The draft shield doors glide open on rails at the top of the weighing chamber whilst the bottom plate doesn't have any gaps or ridges and simply lifts out for cleaning.



Practical and Convenient Design

The WXTJ has an extremely small footprint compared to other microbalances on the market. The separate terminal gives you the flexibility to place the balance where it's convenient and easy for you to access the weighing chamber.



Swiss Quality

Designed and manufactured in Switzerland for outstanding quality you can trust, WXTJ microbalances are built to last. Quality engineering ensures accurate and reliable performance in every working environment so you can be confident in your weighing results.



Accurate Weighing

For Your Smallest Precious Samples

When determining the smallest amounts of fine gold in a gold assay or when classifying small, loose diamonds and gemstones, accuracy is crucial. The METTLER TOLEDO WXTJ Jewelry microbalance offers unsurpassed accuracy down to 1 microgram for weighing your smallest, precious samples.

The high performance enables you to use very small samples when performing assays of gold and precious metals, which translates to tremendous cost savings. The WXTJ helps you meet strict process tolerances as well as international regulatory standards.

Easy to use and with a small footprint, the WXTJ offers convenience and practicality for jewelry weighing applications that demand high precision.

WXTJ3DU Technical Specifications

Limit Values	
Capacity	3.2 g
Readability	0.01 mg
Capacity of fine range	1.2 g
Readability in fine range	0.001 mg
Repeatability (at 5% load)	0.001 mg
Linearity deviation	0.006 mg
Typical Values	
Repeatability (at 5% load)	0.0008 mg
Minimum weight (tolerance=1%) ¹	0.16 mg
Settling time	5s
Dimensions	
Balance dimensions (WxDxH)	127 x 261 x 165 mm
Terminal dimensions (WxDxH)	178 x 260 x 67 mm
Weighing pan diameter	32 mm

¹ determined at 5% load, k=2

Features

Accurate Results	MFR high resolution weighing cell FACT - Fully automatic internal adjustment
Efficient Operation	Touchscreen with large figures Large weighing pan Easy to access weighing pan Compact draft shield with sliding doors Removable drip tray for easy cleaning Versatile setting of weighing parameters Two AUX ports for external switches Front level indicator 7 built-in applications Statistical data analysis Passcode protection Embedded TestManager
Quality	Target weight setting with +/- indication Overload protection Complete metal housing Swiss made product
Connectivity	RS232 interface Optional RS232 or Ethernet Built-in function for data transfer to a PC

Accessories

Ethernet Interface



Connect to your internal network for easy results transfer

CarePac Test Weights



Routine testing with just two micro-weights ensures ongoing accuracy.

RS-P25 Printer



Avoid manual transcription and ensure accurate documentation.

Tweezers



For precise handling of small samples and containers.

www.mt.com/micro-jewelry

For more information

METTLER TOLEDO Group
Laboratory Weighing

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