

The First Class Choice for Valuable Samples



Accurate Sample Preparation

Reproducible analytical results start with accurate sample preparation using a microbalance. The rugged WXTJ produces stable and accurate results even under challenging weighing conditions.



Easy Weighing

The design is optimized for fast and secure weighing of very small samples. The touchscreen operation is intuitive and can be customized to help improve your workflows.



Efficient Cleaning

Avoid wasting time cleaning thanks to clever design features: the draft shield doors glide open on rails at the top, and the bottom plate of the weighing chamber is easily removed and doesn't have any gaps or ridges.



Practical Size

Bench or cabinet space is often limited. The WXTJ has a very small footprint compared to other microbalances on the market, enabling you to position and access the balance wherever it suits you best.



WXTJ3DU Microbalance

Immediate Results - Lasting Value

Precision Weighing plays a crucial role in the most important process steps – Gold samples are accurately weighed on Microbalances for the fire assay process, and subsequently re-weighed after completion of process to determine the sample's fine Gold content.

One of the most impressive and yet age-old processes in Gold refining is "fire assay", a gravimetric method used to determine the purity of Gold. Keeping sample weights as small as possible means tremendous cost savings when handling precious metals. This Microbalance offers unsurpassed accuracy up to 1 microgram. Each sample must meet strict process tolerances as well as comply with International Regulatory Standards. With a customizable touchscreen, the WXTJ3DU Microbalance is easy to operate.

Designed, engineered and manufactured in Switzerland for outstanding quality you can trust.

METTLER TOLEDO

Technical Data

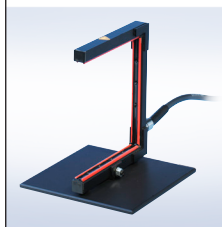
WXTJ3DU Microbalance (Part No.)	30335763
Maximum capacity (fine / full range)	1.2 g / 3.2g
Readability (fine / full range)	0.001 mg / 0.01 mg
Tare range (from - to)	0 - 1.2 g / 1.2 - 3.2 g
Repeatability (fine / full range)	0.001 mg (1 g) / 0.006 mg (3 g)
Typical repeatability (test load)	0.0008 mg (200 mg)
Linearity deviation (test load)	0.02 mg (0.5 g)
Eccentricity (test load)	0.01 mg (2 g)
Sensitivity temperature drift	0.00015% / °C
Sensitivity stability	0.00025% / a
Minimum sample weight (load = 200 mg, k=2, U=1%)	0.14 mg
USP minimum sample weight (load = 200 mg, k=2, U=0.10%)	1.4 mg
Typical settling time	< 8 s
Weighing pan diameter	32 mm
Balance dimensions (W x D x H, mm)	127 x 261 x 165
Terminal dimensions (W x D x H, mm)	178 x 260 x 67
Product weight (net)	7.4 kg

Features

Accurate Results	MFR - Magnetic Force Restoration weighing sensor with high resolution
	FACT - Fully automatic temperature controlled internal adjustment
	Overload protection for vertical and horizontal impacts
	Compact draft shield with sliding doors
	Draft ring included
Efficient Operation	Touchscreen terminal with large figures
	Large 32 mm diameter weighing pan
	Easy to access weighing pan
	Removable drip tray for easy cleaning
	Versatile setting of weighing parameters
	Two AUX ports for external switches
Seamless Process	Centrally placed leveling bubble
	Target weight setting with +/- indication
	Integrated RS232 interface
	Slot for optional RS, Ethernet or Bluetooth
Sustainable Value	Data transfer key to PC host or system
	Overload protection
	Complete metal housing
	Swiss made quality product

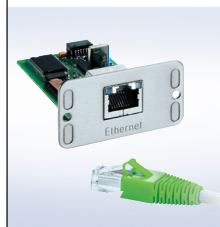
Selected Key Accessories

Antistatic kit



Avoid static influences
11140161 + 11107766

Ethernet interface



For system connection
11132515

CarePac test weights



Convenient balance testing
11123004

Footswitch



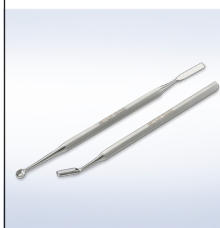
For handsfree operation
11106741

Terminal extension cable



Length 4.5m
30110908

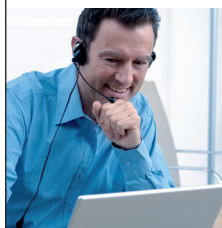
Micro spatula set



2 stainless steel spatulas
30064490

Services

On-Demand webinars



Benefit from our weighing expertise
www.mt.com/webinars

Good Weighing Practice



Ensure consistently reliable results
www.mt.com/gwp



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Subject to technical changes
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For more information