Gold Balances
Quality for all Needs

Balances with Swiss Weighing Technology

METTLER TOLEDO stands for Jewelry balances based on Swiss Weighing Technology. Our balances are built to last and designed to be accurate and reliable in even the toughest working environments. Be confident in highly reproducible weighing results.

JP – Jewelry Plus

High quality for demanding users, with more features as standard: fully automatic self-adjustment (FACT); a high contrast HCD display; two RS232 interfaces for simultaneous connection of an auxiliary display and printer or PC; built-in density determination software.

JS – Jewelry Standard

Performance with value: Manual one-keypress adjustment with built-in internal weight; legible, back-lit display; RS232 interface for connecting an auxiliary display, printer or PC.

JL – Jewelry Light

Accuracy and quality combined with the need for compactness and affordability: the JL balances are at home in jewelry shops and other retail applications, where simplicity and ease of use matter most.

The Best Choice for Weighing
Precious Metals

Weight is all-important in the gold trade, so a good, solid weighing instrument is essential: a balance that simply works as it should, delivering accurate and trustworthy results every time, under all operating conditions.

Designed to meet every need, the range includes models for everyday use by goldsmiths, jewelry manufacturers and retailers, high-precision models for assay offices and hallmarking, and a high-capacity line for weighing larger quantities in manufacturing and inventory taking. Specifications differ between models, but the range shows consistent hallmarks: easy and straightforward operation, a large weighing pan, plus bright and clear display of weighing results.

METTLER TOLEDO

Gold Balances – Model Overview

Readability	Model	Capacity	Repeatability	Pan size (mm)	Interfaces	Calibration
0.01 mg / 0.1 mg	JP105DUG	42 g / 120 g	0.01 mg / 0.1 mg	⌀ 80	RS232, USB	FACT
0.001 g	JP303G	320 g	0.001 g	⌀ 120	2 × RS232	FACT
	JP503G	520 g	0.001 g	⌀ 120	2 × RS232	FACT
0.01 g	JP802G	820 g	0.01 g	170 × 190	2 × RS232	FACT
	JP2002G	2,200 g	0.01 g	170 × 190	2 × RS232	FACT
	JP3002G	3,200 g	0.01 g	170 × 190	2 × RS232	FACT
	JP4002G	4,200 g	0.01 g	170 × 190	2 × RS232	FACT
	JP6002G	6,200 g	0.01 g	170 × 190	2 × RS232	FACT
	JP10002 *	10,200 g	0.01 g	170 × 190	2 × RS232	FACT
	JP120002	12,200 g	0.01 g	170 × 190	2 × RS232	FACT
0.1 g	JP8001G	8,200 g	0.1 g	170 × 190	2 × RS232	FACT
	JP16001G	16,200 g	0.1 g	351 × 245	RS232, USB	FACT
	JP32001G	32,200 g	0.1 g	351 × 245	RS232, USB	FACT
0.001 g	JS303G	320 g	0.001 g	⌀ 120	RS232	Int. Cal
	JS503G	520 g	0.001 g	⌀ 120	RS232	Int. Cal
0.01 g	JS802G	820 g	0.001 g	170 × 190	RS232	Int. Cal
	JS2002G	2,200 g	0.01 g	170 × 190	RS232	Int. Cal
	JS3002G	3,200 g	0.01 g	170 × 190	RS232	Int. Cal
	JS4002G	4,200 g	0.01 g	170 × 190	RS232	Int. Cal
	JS6002G	6,200 g	0.01 g	170 × 190	RS232	Int. Cal
0.1 g	JS8001G	8,200 g	0.1 g	170 × 190	RS232	Int. Cal

* only approved version

Features

FACT
Fully automatic time- and temperature controlled internal adjustment (JP models)

Internal Adjustment
On demand, at a key press with an internal weight (JS models)

Date and Time
Built-in time and date function (JP, JS)

PC direct
Transfer weighing data to a PC without additional software (JP, JS)

Battery Operation
Full independence from power supply for 8 hours (not JP105DUG, JP16001G, JP32001G)

Below Weighing
Hook for weighing below the balance

Protective Cover
Protects the balance from stains and scratches

Approval

Approved versions of all models in most countries available

Units

ct, g, mg, kg, pound, ounce, troy ounce, grain, pennyweight, momme, mesghal, Hong Kong tael, Singapore tael, Taiwan tael, tical, tola, Baht (subject to country regulations)

Applications

JP: Density, Check Weighing, Statistics, Totaling, Recall, Piece Counting, Percent Weighing, Free Factor, Diagnostics
JS: Check Weighing, Statistics, Totaling, Recall, Piece Counting, Percen t Weighing, Free Factor, Diagnostics

Accessories		Order No.
Density Kit	For JP105DUG	30004077
	For JP303G, JP503G, JS303G, JP503G	11142144
Compact Printer	RS-P25	11124300
Auxiliary Display	AD-RS-J7 for JP	12122380
Transport Case	For JP, JS with pan size 170 × 190 mm	11124240
	For JP105DUG	30006317
Draft shield	For JP, JS with pan size 170 × 190 mm	12121015
LabX Direct Balance	Data management PC software	11120340

Swiss Weighing Technology

ISO 9001 registered   ISO 14001 registered   CE

www.mt.com/jewelry

For more information