

Carat Balances Sparkling Performers



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 calibration with built-in internal weight; legible, back-lit display; RS232 interface for connecting an auxiliary display, printer or PC.



Multifaceted Options For the Gem Trade

Working with diamonds and other gemstones requires absolute precision – a small weight discrepancy means loss of money. So it is essential to have a precise and reliable weighing instrument: a balance that simply works the way you expect it to, delivering accurate, trustworthy and repeatable results every time.

All carat balances feature easy and straightforward operation, fast settling time, high repeatability, plus bright and clear display for highly visible weighing results.

Carat Balances – Model Overview



Readability	Model	Capacity	Repeatability	Pan size (mm)	Interfaces	Calibration	Carat Pan supplied
0.1 mct / 1 mct 0.01 mg / 0.1 mg	JP105DUG	210 ct / 600 ct 42 g / 120 g	0.1 mct / 1 mct 0.01 mg / 0.1 mg	Ø 80	RS232, USB	FACT	–
0.001 ct / 0.1 mg	JP703C	700 ct / 140 g	0.001 ct / 0.1 mg	Ø 90	2 × RS232	FACT	Small
	JP1203C	1,200 ct / 240 g	0.001 ct / 0.1 mg	Ø 90	2 × RS232	FACT	Medium
	JP1603C	1,600 ct / 320 g	0.001 ct / 0.1 mg	Ø 90	2 × RS232	FACT	Large
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	JS1603C	1,600 ct / 320 g	0.001 ct / 0.1 mg	Ø 90	RS232	Int. Cal	Large

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



PC direct

Transfer weighing data to a PC without additional software



Battery Operation

Full independence from power supply for 8 hours (not JP105DUG)



Below Weighing

Hook for weighing below the balance



Protective Cover

Protects the balance from stains and scratches

Approval

Approved versions of all models available

Units

ct, g, mg, kg, pound, ounce, troy ounce, grain, penny-weight, 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, Percent Weighing, Free Factor, Diagnostics

Accessories

		Order No.
Density Kit	For JP105DUG	30004077
	For all other balances	11142144
Compact Printer	RS-P25	11124300
Auxiliary Display	AD-RS-J7 for JP, JS	12122380
Transport Case	For JP105DUG	30006317
LabX Direct Balance	Data management PC software	11120340



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 30008217A
 Global MarCom 2208 00/JS