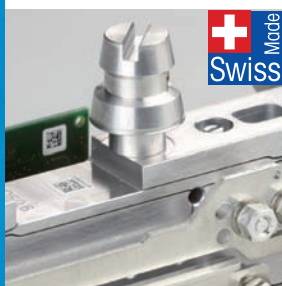


## Carat Balances Sparkling Performers



### Balances with Swiss Technology

METTLER TOLEDO stands for Jewelry balances made in Switzerland. 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	∅ 80	RS232, USB	FACT	–
0.001 ct / 0.1 mg	JP703C	700 ct / 140 g	0.001 ct / 0.1 mg	∅ 90	2 x RS232	FACT	Small
	JP1203C	1200 ct / 240 g	0.001 ct / 0.1 mg	∅ 90	2 x RS232	FACT	Medium
	JP1603C	1600 ct / 320 g	0.001 ct / 0.1 mg	∅ 90	2 x RS232	FACT	Large
0.001 ct / 0.1 mg	JS703C	700 ct / 140 g	0.001 ct / 0.1 mg	∅ 90	RS232	Int. Cal	Small
	JS1203C	1200 ct / 240 g	0.001 ct / 0.1 mg	∅ 90	RS232	Int. Cal	Medium
	JS1603C	1600 ct / 320 g	0.001 ct / 0.1 mg	∅ 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
PowerPac	PowerPac-M-12V	12122363
LabX Direct Balance	Data management PC software	11120340



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Subject to technical changes  
© 02/2011 Mettler-Toledo AG  
Printed in Switzerland 30008217  
Global MarCom Switzerland

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