Class II Legal-for-Trade Portable Balances Ideal for Jewelry Weighing

Designed for a wide range of regular and trading applications, the Class ll certified SJX Carat and Gold balances are ideal for weighing jewelry, precious metals, gemstones etc. Equipped with superior overload protection, large backlit display, fast stabilization time, multiple weighing units, application modes and connectivity options, these slim balances offer a truly user-friendly weighing experience.

Standard Features:

- Multiple connectivity options are available for easy data logging and communication. An optional auxiliary display can also be installed for retail applications.

- Manual internal calibration allows easy calibration as Class II Legal-for-Trade, ensuring precision of the balance.

- Advanced weighing technology ensures reliable, repeatable weighing results.

SCOUT® SJX *Jewelry Scale*

Large LCD Display

The large backlit LCD display of the slim Scout provides operators a clear view of their weighing results. An optional auxiliary display can also be installed easily to provide additional weight notifications to customers in retail environments.

Scout has multiple connectivity options for convenient data logging and communication, as well as connecting to an auxiliary display. Options include—RS232, USB Host, USB Device and Ethernet. With the USB Host option, you can simply save and transfer data from the balance to a USB drive.

Easy Calibration

The Ingenious "Pull & Push" feature makes it easy to calibrate the balance manually. Regular calibration can ensure the balance's weighing performance. The balance is equipped with an internal integrated steel weight which means that users don't need to worry about misplacing or finding extra space to store external masses.

Better Performance

Stabilization time as fast as 1 second and high resolution load cell with up to 150,000d resolution and readability to 0.001g, deliver extremely quick, precise and repeatable weighing results.

Superior Overload Protection

The superior mechanical overload protection system of the Scout is comprised of a high-strength stainless steel pan and an impact-resistant plastic pan support. This enables the balance to safely withstand loads up to 10 times its rated capacity.

Draftshield Model Available

Scout's ingenious draftshield (1mg model only) was designed with an easy to remove top cover piece. This serves as a wind protection ring which keeps the weighing surface stable in rough environments, while maintaining weighing speed.

Built-in Application Modes

- **Weighing**—Determines the weight of items on the pan in the selected unit of measure.
- **Parts Counting**—Counts the number of pieces on the pan using a uniform weight.
- **Percent Weighing**—Measures the weight of a sample displayed as a percentage of a pre-established reference weight.
- **Checkweighing**—Compares the weight of a sample against target limits.

- **Totalization**—Measures cumulative weight of multiple items. Cumulative total may exceed the balance's capacity.
- **Density Determination**—Determines density of solids or liquid. With the integrated weigh below hook, it is possible to perform specific gravity tests for objects that cannot be easily placed on the weighing pan.
- **Display Hold**—Manually holds the last stable weight or the first highest stable weighing value on the display.

Draftshield
Protects the sample from external influences, increasing the speed and repeatability of measurements
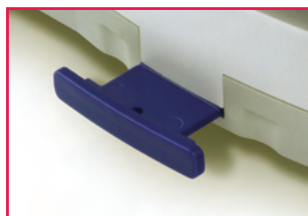
Calibration
Scout SJX models feature a calibration tab for easy manual internal calibration

Security Slot
Integrated security slot prevents theft

Connectivity
Expanded connectivity options including RS232, USB Host, USB Device and Ethernet

Large Backlit LCD Display
High contrast LCD Display shows weight and application data clearly, even in poor lighting conditions

Lockswitch
The Scout can be locked into a specific configuration using the lockswitch
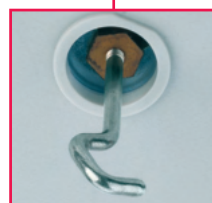
Weigh Below Hook
A weigh below hook on the bottom of the Scout allows for density determination or specific gravity calculations

SJX—Integrated
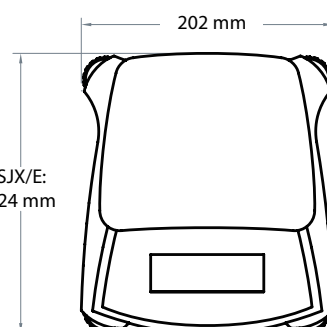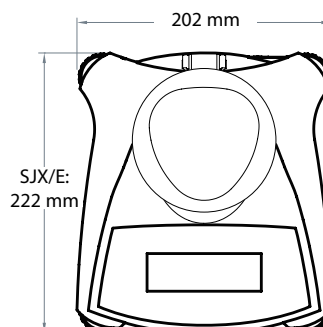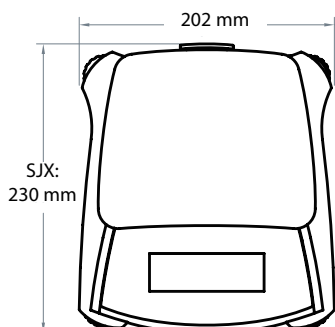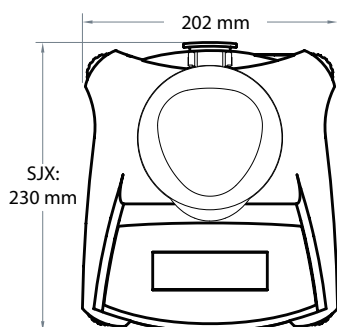SJX/E—Included
(SJX/E hook shown)

Outline Dimensions

SJX: 114 mm

SJX/E: 103 mm

SJX: 68 mm

SJX/E: 54 mm

202 mm

202 mm

202 mm

202 mm

SJX: 230 mm

SJX: 230 mm

SJX/E: 222 mm

SJX/E: 224 mm
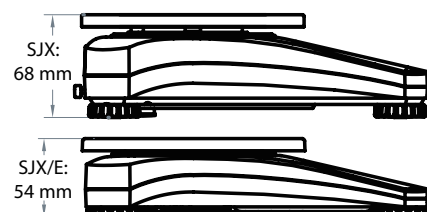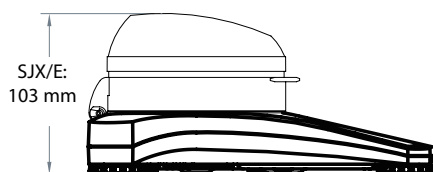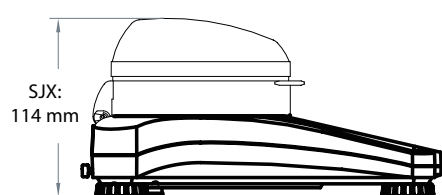
SCOUT® SJX *Jewelry Scale*

Internal Calibration Model	SJX323	/	SJX622	SJX1502	/	/	SJX6201	/
External Calibration Model	SJX323/E	SJX322/E	SJX622/E	SJX1502/E	SJX621/E	SJX3201/E	SJX6201/E	SJX8200/E
Capacity	320 ct (64 g)	320 g	620 g	1500 g	620 g	3200 g	6200 g	8200 g
Readability	0.005 ct (0.001 g)	0.01 g			0.1 g			1 g
Repeatability (Std. Dev.) (g)	0.002	0.01		0.02	0.1			1
Linearity (g)	0.003	0.01	0.02	0.03	0.1		0.2	1
Span Calibration Mass*	50 g	200 g	300 g	1.5 kg	300 g	3 kg	5 kg	8 kg
Linearity Calibration Mass	30, 60 g	200, 300 g	300, 600 g	1 kg, 1.5 kg	300, 600 g	1.5 kg, 3 kg	3 kg, 6 kg	4 kg, 8 kg
Stabilization Time (s)	1.5	1		1.5	1			
Construction	ABS housing & stainless steel pan							
Draftshield	Yes	No						
Calibration	SJX/E: User-selectable external span or linearity calibration/Digital with external weight — SJX: Manual internal calibration							
Tare Range	Full capacity by subtraction							
Weighing Units	g, kg, ct, oz, ozt, dwt, lb, grn, hkt, sgt, twt, tical, tola							
Application Modes**	Weighing, Parts Counting, Percent Weighing, Check Weighing, Totalization, Density Determination, Display Hold							
Power Requirement	AC adapter (included) or 4 AA batteries (not included)							
Typical Battery Life	80 hours			120 hours	80 hours			120 hours
Communication	RS232, USB Host, USB Device or Ethernet(available as an accessory)							
Display Type	Liquid crystal display (LCD) with backlight							
Display Size	20 mm digits							
Overload Capacity	10 times rated capacity							
Operating Temperature Range	10 °C to 40 °C at 10% to 80% relative humidity, non-condensing							
Storage Conditions	-20 °C to 55 °C at 10% to 90% relative humidity, non-condensing							
Pan Size (W × D) (mm)	Ø 93	Ø 120		170 × 140				
Balance Dimensions - SJX/E (W × D × H) (mm)	202 × 222 × 103	202 × 224 × 54						
Balance Dimensions - SJX (W × D × H) (mm)	202 × 230 × 114	202 × 230 × 68						
Shipping Dimensions - SJX/E (W × D × H) (mm)	300 × 250 × 129	300 × 250 × 86						
Shipping Dimensions - SJX (W × D × H) (mm)	300 x 250 x 129							
Net Weight (SJX/E)	1 kg							
Net Weight (SJX)	1.1 kg	1.6 kg						
Shipping Weight (SJX/E)	1.5 kg							
Shipping Weight (SJX)	1.7 kg	2.2 kg						

* Calibration weights are included with 323 models only.
** Available weighing units and application modes vary by local regulations.

Other Standard Features and Equipment
Transportation lock, stainless steel pan, menu & calibration lockout switch, slip-resistant and adjustable feet, leveling bubble, mechanical and software overload/underload protection, stability indicator, auto tare, low battery indicator, auto shut-off, user-selectable printing options, user-selectable communication settings.

Compliance
• **Product Safety:** IEC/EN 61010-1; CAN/CSA C22.2 No. 61010-1; UL Std. No. 61010-1
• **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B; FCC Part 15 Class B; Industry Canada ICES-003 Class B

Accessories

RS232 Interface Kit .30268982
USB Host Interface Kit (for Flash Drive) .30268983
USB Device Interface Kit (for PC) 30268984
Ethernet Interface Kit 30268986
Stacking & Storage Cover (6)** 30268987
Stacking & Storage Cover (1)** 30268988

Printer, Impact, SF40A 30045641
Auxiliary Display, AD7-MD 30472063
Security Device 80850043
Top Loading Kit for Density Determination*** 30269020
Carrying Case 30269021
In-use Cover*** 30269022

**Only fit for SJX/E models without draftshield.

***Not fit for SJX InCal™ Models

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