



Ohaus Scout SPX421 (30253024) Portable Balance 420 x 0.1g

Ideal for laboratory and industrial applications, the OHAUS Scout comes in a slim, stackable design with large backlit LCD. Features include superior overload protection, multiple weighing units and application modes. Geared for high performance in your facility with fast stabilization time and high resolution weighing results, these portable balances set a new standard in laboratory and industrial weighing



Capacity x Readability

420 g x 0.1 g

Pan Size

4.7 in (Diameter)

Manufacture: Ohaus

SKU: 30253024

UPC: B01AJ08BYC

Weight: 4.00 lb

**Free Ground
Shipping within the
48 continental US
States**

**Please Call
(800)832-0055**

Features

Setting New Standards in Laboratory & Industrial Weighing The Next Generation of Scout Balances

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Standard Features Include:

- Bright Backlit LCD & 4 Button Control Enable Efficient Operation and Ease of Use Combined with a simplified 4 button operation, the Scout's large backlit display increases readability in low light working conditions, and is easier to view from a distance.
- Bolstered by Superior Overload Protection and Impact-Resistant Pan Support Integrated superior overload protection and impact-resistant pan support safeguard against shock and overloading the balance in rugged and demanding environments.
- Better Performance and Higher Capacities Widen the Range of Weighing Applications Stabilization time as fast as 1 sec and advanced weighing technology, lead to improved productivity in your facility. Increased capacity unlocks a wider range of weighing applications.

Improved Experience with Backlit Display and 4 Button Operation

Poor lighting environment is not an issue with the Scout. The large, bright backlit LCD display improves readability in conditions where lighting is poor, and makes it easy to see the results from a distance. 4 clearly marked buttons remove complexity, and guide you quickly and easily through setup, unit of measure changes, calibration and more.

Durability Guaranteed with Superior Protective Features

The Scout equipped with superior overload protection rated at 10 times the capacity of the balance, high strength stainless steel pan, impact-resistant pan support and integrated transportation/storage lock, delivers the same durable quality that you expect from OHAUS products. To complement our signature durability, we've designed the Scout to be stackable when utilizing the optional stacking and storage cover, which also protects the balance when not in use.

Most Versatile Portable Balance in its Class

With the Scout, it's all about accuracy, efficiency and possibilities! Stabilization time as fast as 1 sec means increased productivity in any facility or lab. With improved resolution, you can count on extremely precise and repeatable weighing results. Additionally, the increased capacity of the Scout gives you more flexibility in your weighing applications.

Draftshield Model Available (SPX123) Scout's ingenious draftshield (1mg models 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.
- **Check Weighing** — Compares the weight of a sample against target limits.
- **Totalization** — Measures cumulative weight of multiple items. Cumulative total may exceed balance capacity.
- **Display Hold** — Manually holds the last stable weight or the first highest stable weighing value on the display.

Specifications

Model	SPX123	SPX223	SPX222	SPX422	SPX622	SPX1202	SPX2202	SPX421	SPX621	SPX2201	SPX6201	SPX1201	
Capacity X Readability (g)	120 x 0.001	220 x 0.001	220 x 0.01	420 x 0.01	620 x 0.01	1200 x 0.01	2200 x 0.01	420 x 0.1	620 x 0.1	2200 x 0.1	6200 x 0.1	8200 x 0.1	
Repeatability (Std. Dev.) (g)	0.002		0.01			0.02		0.1					
Linearity (g)	+/-0.003		±0.01		±0.02	±0.03		±0.1			±0.2	±0.3	
Capacity X Readability (kg)	-	-	-	-	-	1.2 x 0.00001 kg	2.2 x 0.00001 kg	-	-	2.2 x 0.0001 kg	6.2 x 0.0001 kg	8.2 x 0.0001 kg	
Capacity x Readability (lb)	-	-	-	-	1.36690 x 0.00005 lb	2.64555 x 0.00005 lb	4.85020 x 0.00005 lb	-	1.3670 x 0.0005 lb	4.8500 x 0.0005 lb	13.6685 x 0.0005 lb	18.0000 x 0.0005 lb	
Span Calibration Mass*	100 g	200 g	200 g	200 g	300 g	1 kg	2 kg	200 g	300 g	2 kg	5 kg	8 kg	
Linearity Calibration Mass*	50, 100 g	100, 200 g	100, 200 g	200, 400 g	300, 600 g	500g, 1 kg	1 kg, 2 kg	200, 400 g	300, 600 g	1 kg, 2 kg	3 kg, 5 kg	4 kg, 8 kg	
Stabilization Time (s)	1.5	1.5	1	1	1	1.5	1.5	1	1	1	1	1	
Construction	ABS housing & stainless steel pan												
Draftshield	Yes			No									
Calibration	User-selectable external span or linearity calibration/Digital with external weight												
Tare Range	Full capacity by subtraction												
Weighing Units	g, kg, ct, N, oz, ozt, dwt, lb, lb:oz, grn												
Application Modes	Weighing, Parts Counting, Percent Weighing, Check Weighing, Totalization, Display Hold												
Power Requirements	AC adapter (included) or 4 AA batteries (not included)												
Typical Battery Life (Hours)	80		120		80			120			80		120
Communication	Available as an accessory:RS232, USB Host, USB Device, Ethernet or Bluetooth®												
Display Type	Liquid crystal display (LCD) with backlight												
Display Size	0.78 in/20 mm digits												
Overload Capacity	10 times rated capacity												
Operating Temperature Range	50°F / 10°C to 104°F / 40°C at 10% to 85% relative humidity, non-condensing												

Storage Conditions	-20°C (-4°F) to 55°C (131°F) at 10% to 90% relative humidity, non-condensing				
Pan Size (W x D)	3.7in 93 mm diameter	4.7in 120 mm diameter	6.7 x 5.5 in 170 x 140 mm	4.7in 120 mm diameter	6.7 x 5.5 in 170 x 140 mm
Dimensions W x H x D	8 x 8.7 x 4.1 in 202 x 222 x 103 mm		8 x 8.8 x 2.1 in 202 x 224 x 54 mm		
Dimensions W x H x D	11.8 x 9.8 x 5.1 in 300 x 250 x 129 mm		11.8 x 9.8 x 3.4 in 300 x 250 x 86 mm		
Net Weight	1 kg				
Shipping Weight	1.5 kg				

* Calibration weights are included with models up to 620g capacity.

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

*Volume Discounts Available

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[Email Us](#) or Call **800-832-0055** Accessories

- RS232 Interface Kit - 30268982
- USB Host Interface Kit - 30268983
- USB Device Interface Kit - 30268984
- Bluetooth Interface Kit - 30268985
- Ethernet Interface Kit - 30268986
- Stacking & Storage Cover (6 pcs) - 30268987
- Stacking & Storage Cover (1 pc) - 30268988
- Printer, Impact, SF40A, AM. 30064203
- Auxiliary Display Kit - 30269019
- Security Device - 80850043
- Top Loading Kit for Density Determination - 30269020
- Carrying Case - 30269021
- In-use Cover - 30269022

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- Phone: [\(800\)832-0055](#) or [\(718\)336-5900](#)

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