



## **The Next Generation of Portable Balances for your Classroom**

Designed for education applications, the OHAUS Scout with large backlit LCD backed by education software is the ideal balance for your classroom. It is built to endure demanding classroom applications with superior overload protection. Features including faster stabilization time, increased capacity, multiple connectivity options and stackable design make Scout the best weighing experience for the next generation classroom.

### **Standard Features Include:**

- Superior Overload Protection & Practical Stackable Design for Convenient Storage**  
Integrated superior overload protection system rated at 10 times the capacity protects the balance in demanding classroom environments. Space-saving design allows for stackable storage (excluding 1mg model).
- Improved Functionality with Bright Backlit LCD and 4 Button Operation**  
Combined with a simplified 4 button operation, the Scout's large backlit display increases readability in dim lighting conditions, and makes it easier to view results from across a desk or lab bench.
- Multiple Connectivity Options Available for Data Logging and Communication**  
With expanded connectivity options including RS232, USB Host, USB Device and Ethernet, the Scout provides added versatility to your data collection and transfer needs.
- Fast Weighing Speed and High Resolution Deliver Repeatable and Reliable Results**  
Stabilization time as fast as 1 second means increased efficiency in your classroom. Equipped with advanced weighing technology, the Scout also ensures repeatable and reliable weighing results.

# Scout® Portable Balances

## Scout can Handle Demanding Classroom Environments

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, and survive in demanding classroom environments where capacity may be frequently exceeded. Scout's unique stacking and storage cover allows the balance to be safely stored away when not in use. The integrated transportation lock protects the load cell from damage during stacking storage and transportation.



## User-Friendly Experience Guaranteed with Backlit Display and 4-Button Operation

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



## Expanded Connectivity Options Allow for a More Modern Weighing Experience

Scout has multiple connectivity options – RS232, USB Host, USB Device and Ethernet. With expanded connectivity options, the OHAUS Scout offers more versatility for convenient data logging, communication and remote functionality. With the USB Host option, you can simply save and transfer data from the balance to a USB drive.



## Increased Efficiency and Productivity in your Facility

It's all about accuracy and efficiency with the OHAUS Scout balance. Stabilization time as fast as 1 second combined with high resolution deliver extremely precise and repeatable weighing results that you can count on time and time again. This makes the Scout ideal for routine experiments and other weighing applications in your classroom.



## 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.

Scout shown with optional Density Determination Kit





#### Stackable Design

Space-saving design allows for stackable storage (excludes mg models)



#### Connectivity

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



#### Security Slot

Integrated security slot prevents theft

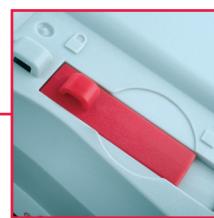


#### Large Backlit LCD Display

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



**Weigh Below Hook**  
The integral weigh below hook on the bottom of the Scout allows for density determination or specific gravity calculations



**Lockswitch**  
The Scout can be locked into a specific configuration using the lockswitch

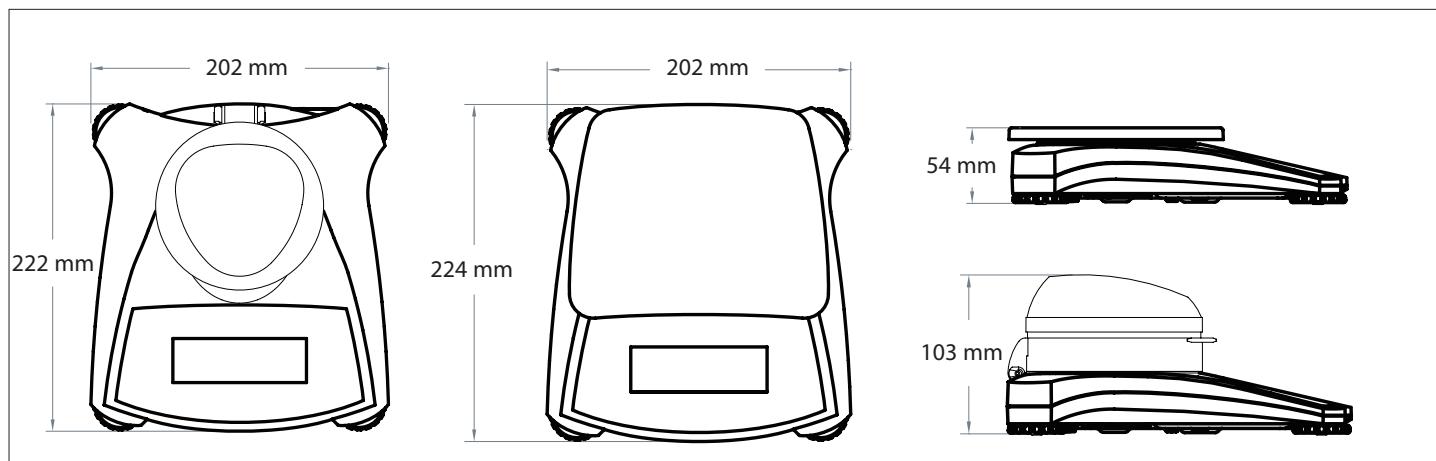
## Built-in Application Modes

- Weighing**—Determines the weight of items on the pan in the selected unit of measure.
- 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.

- Mole Weighing**—Measures the weight of a sample and calculate it into Moles automatically.

## Outline Dimensions



# Scout® Portable Balances

Model	SKX123	SKX222	SKX422	SKX622	SKX1202	SKX2202	SKX421	SKX621	SKX2201	SKX6201	SKX8200
Capacity (g)	120	220	420	620	1200	2200	420	620	2200	6200	8200
Readability (g)	0.001			0.01				0.1			1
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*	100 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	200, 400 g	300, 600 g	500 g, 1 kg	1 kg, 2 kg	200, 400 g	300, 600 g	1 kg, 2 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											User-selectable external span or linearity calibration/Digital with external weight
Tare Range											Full capacity by subtraction
Weighing Units											g, kg, N, oz, lb, lb:oz
Application Modes											Weighing, Density Determination, Mole Weighing
Power Requirement											AC adapter (included) or 4 AA batteries (not included)
Typical Battery Life	80 hours	120 hours		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)	Ø93 mm		Ø120 mm		170 × 140 mm	Ø120 mm			170 × 140 mm		
Balance Dimensions (W × D × H)	202 × 222 × 103 mm				202 × 224 × 54 mm						
Shipping Dimensions (W × D × H)					300 × 250 × 129 mm						
Net Weight							1 kg				
Shipping Weight							1.6 kg				

\* Span calibration weight is included with models up to 620g capacity

## Other Standard Features and Equipment

Transportation lock, stainless steel pan, menu & calibration lockout switch, 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 .....	30268983
USB Device Interface Kit .....	30268984
Ethernet Interface Kit .....	30268986
Stacking & Storage Cover (6 pcs).....	30268987
Stacking & Storage Cover (1 pc).....	30268988
Printer, Impact, SF40A .....	30045641
Auxiliary Display, TAD7-S .....	30333960
Security Device .....	80850043
Top Loading Kit for Density Determination .....	30269020
Carrying Case .....	30269021
In-use Cover .....	30269022

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With offices throughout  
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\*ISO 9001:2008  
Registered Quality  
Management System  
SAP Literature #

