



Educator's Favorite Electronic Balance Just Got Better – The Ohaus Scout® Pro Education Balance

Superior performance and simple operation have made Scout® balances the most popular portable balance in the classroom. Now, with the new Scout Pro, you get the same exceptional accuracy and reliability of earlier Scouts along with several unique improvements that make this balance the best choice for educators.

- **Easy to Use** – The high-contrast LCD display combined with two-key operation makes Scout Pro easy to operate for students of all skill levels
- **USB or RS232 Connectivity** – Quickly-installed option with integral cable allows data connection to PC or printer
- **Easy to Clean** – Removable stainless steel weighing platform, sealed front panel and molded spill ring help keep Scout Pro safe from spills
- **Multiple Weighing Units** – Including grams, kilograms, Newtons, pounds and ounces
- **Multiple Application Modes** – Including parts counting, percentage weighing, totalization, display hold and specific gravity
- **Battery or AC Power** – Uses 4 "AA" batteries with auto shut-off feature for 40 hours of operation, or Scout Pro can be run on the included AC powerpack
- **Above-Balance Density / Specific Gravity Kit and Integral Weigh-Below Hook** – Complete flexibility for density or specific gravity determination
- **Industry Leading Warranty**

Scout[®] Pro Portable Education Balances

Built-In Application Modes:

Specific Gravity –

- Specific gravity calculation is automatic in weighing mode
- A Density/Specific Gravity kit is included with all Scout Pro Education Balances up to 4000g. It allows placement of sample and solution on top of balance when suspension of samples below the balance isn't practical.
- An integral weigh-below hook is part of the balance, so it can't be misplaced!



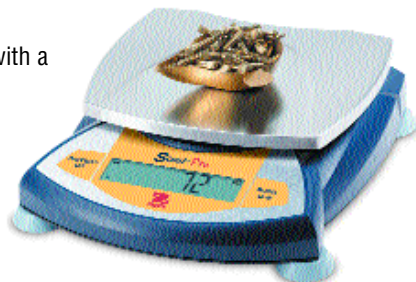
Percent Weighing – Use the *Percent Weighing* mode to compare samples for compounding, formulation, or quick weight checking. Place your reference weight on the platform, enter the weight into memory, and the display will show the percentage of the sample weight on the platform compared to the reference weight.

Totalization – Use Scout Pro's memory function to repeatedly sum the weight on the platform. Unlike other balances, the Scout Pro allows totalization up to the limit of the display!

Display Hold – The *Display Hold* mode allows you to retain the weight of an over-sized sample on Scout Pro's display.

Parts Counting – The Scout Pro is designed for flexibility when counting parts

- Select from a sample size of 5, 10, 20 or 50 pieces while in counting mode with a quick button press
- Scout Pro features user-enabled automatic recalculation of the average piece weight – instead of counting 100 parts for a sample, count 10 and let the Scout Pro count the rest of the sample! For applications where automatic recalculation is not desired, the easy-to-use menu system allows this feature to be disabled
- The Scout Pro can also be configured for situations where only the counting feature is required



User-Configurable – Scout Pro allows you to select active weighing units and modes using the two-button keypad. Scout Pro can be quickly configured using an on-display menu system – there are *no* cryptic codes to input! A built-in lockswitch prevents reconfiguration during use.

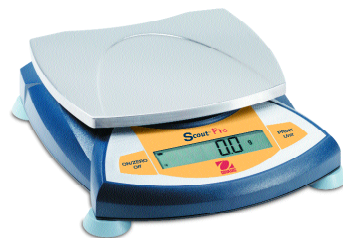
New Design for Portable Use



Milligram Model with Round Platform
(draftshield included)



Round Platform



Square Platform

Ohaus Scout® Pro Education Balance: Models and Weighing Units for Every Application.

For all Grade Levels:

- Elementary
- Middle School
- High School
- Junior College

For all Science Applications:

- Biology
- Chemistry
- Physics
- Physical Science
- Earth Science
- Prep Work
- Density/Specific Gravity
- Field Use

Scout Pro features the most common weighing units required for use in your classroom, lab, or in the field:

- Grams
- Ounces
- Newtons
- Kilograms
- Pounds

Scout Pro Education Balance Unit Availability

Model	SPE123*	SPE202	SPE402	SPE401	SPE601	SPE2001	SPE4001	SPE6000
Capacity	120g	200g	400g	400g	600g	2000g	4000g	6000g
Readability	0.001g	0.01g	0.01g	0.1g	0.1g	0.1g	0.1g	1g
g	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
kg	–	–	–	–	–	Yes	Yes	Yes
oz	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
lb	–	–	–	–	Yes	Yes	Yes	Yes
N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

*draftshield included

Connectivity

An Ohaus first, you can quickly add either an internal RS232 or a USB port with integrated cable to the Scout Pro

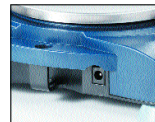


Above-Balance/Specific Gravity Kit

No need to suspend samples below the balance! Standard on all Education models up to 4000g

Security Bracket

Each Scout Pro features an integrated security bracket to prevent theft



Round or Square Stainless Steel Platform

Removable for easy cleaning

Flexible Power

Use either the included AC wallpack, or 4 "AA" batteries to power your Scout Pro

Easy-to-Clean

Sealed front panel and molded spill ring

Integral Shipping Lock

Quickly accessible under the weighing pan, the shipping lock allows you to lock and go!



Easy to View

High-Contrast LCD quickly displays weight and applications data, as well as an indicator for stability, over/underload conditions, and low battery power

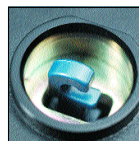


Lockswitch

The Scout Pro can be locked into a specific configuration using the included lockswitch

Weigh-Below Hook

The integral weigh-below-hook on the bottom of the Scout Pro allows density determination or calculating the specific gravity of samples



Scout[®] Pro Portable Education Balances

Specifications

Capacity (g)	120*	200	400	400	600	2000	4000	6000
Readability (g)	0.001	0.01		0.1		1		
Repeatability (Std. Dev.) (g)	0.003	0.01		0.1		1		
Linearity (g)	+/-0.003	±0.01		±0.1		±1		
Capacity x Readability (kg)	N/A	N/A	N/A	N/A	N/A	2.0000 x 0.0001	4.0000 x 0.0001	6.000 x 0.001
Capacity x Readability (oz)	4.23290 x 0.00005	7.0550 x 0.0005	14.1095 x 0.0005	14.110 x 0.005	21.165 x 0.005	70.550 x 0.005	141.095 x 0.005	211.65 x 0.05
Capacity x Readability (lb)	N/A	N/A	N/A	N/A	1.3230 x 0.0005	4.4090 x 0.0005	8.8185 x 0.0005	13.230 x 0.005
Capacity x Readability (N)	1.1768 x 0.00001	1.9613 x 0.0001	3.9227 x 0.0001	3.923 x 0.001	5.884 x 0.001	19.613 x 0.001	39.227 x 0.001	58.84 x 0.01
Application Modes	Specific Gravity, Parts Counting, Percentage Weighing, Totalization, Display Hold							
Tare Range	To Capacity By Subtraction							
Over Range Capacity	Capacity +90d							
Stabilization Time	3 seconds							
Operating Temp. Range	50° to 104°F / 10° to 40°C							
Power Requirements	AC Adapter (included) or 4 AA Batteries (not included)							
Calibration Type	Digital Calibration from Keypad							
Calibration Mass (Full Span)	100 g	200 g	400 g	400 g	600 g	2000 g	4000 g	6000 g
Calibration Mass (Linear)	50 g	100 g	200 g	200 g	300 g	1000 g	2000 g	3000 g
Display	High Contrast LCD with 6 digits 0.6in / 15mm high							
Pan Size (in/cm)	3.6 / 9		4.7 / 12 diameter			6.5 x 5.6 / 16.5 x 14		
Dimensions WxHxD (in/cm)	7.5 x 4.4 x 8.3 19.2 x 10.8 x 21		7.56 x 2.13 x 8.27 / 19.2 x 5.4 x 21.0					
Net Weight (lb/kg)	1.5 / 0.7			1.8 / 0.8				
Shipping Dimensions WxHxD	10 x 4 x 12 in / 25.4 x 10.2 x 30.5 cm							
Shipping Weight (lb/kg)	4 / 1.8							
Item Number	SPE123	SPE202	SPE402	SPE401	SPE601	SPE2001	SPE4001	SPE6000

*Draftshield included

Standard Features/Equipment

Removable stainless steel weighing platform, simple two-button keypad and high contrast LCD display, above-balance density/specific gravity kit, integral weigh-below hook, lockswitch, integral security bracket, integral shipping lock, sealed front panel and molded spill ring, stability indicator, overload and underload indicators, low battery indicator, programmable auto shut-off, AC adapter, calibration mass included on 120g, 200g, 400g and 600g models.

Optional Accessories

RS232 Interface with 9-pin integral cable, USB Interface with integral cable, Security Device, SF42 Impact Printer, Converter for 9-pin to 25-pin RS232 to SF42 Impact Printer, Hard Shell Carrying Case, Sample Scoops, Calibration Masses and MassTracker software for Windows[®] compatible computers.

Industry Leading Quality and Support

All Ohaus Scout Pro balances are manufactured under an ISO 9001 Registered Quality Management System, and protected with our unsurpassed warranty. Our rugged construction and stringent quality control have been hallmarks of all Ohaus products for nearly a century.

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