The OHAUS Scout® Pro Education Balance – Hands Down The Classroom's Best Portable Balance!

Designed for use in education applications, the OHAUS Scout® *Pro* features easy-to-use two-button operation, a high-contrast LCD display, multiple weighing units, five application modes, and the option of either RS232 or USB connectivity, the Scout Pro is the portable balance for your needs!

- **Maximum Protection** – Scout *Pro* is designed with mechanical and software protection against shock and overloading which can cause damage to the weighing cell. An integrated shipping lock protects the weighing cell during transportation or storage

- **RS232 or USB Connectivity** – Scout *Pro* interface accessories are easy to install at anytime, even after purchase. The data cable is integrated in the kit, eliminating the need for additional cables

- **Specific Gravity Software and Kit** – The Scout *Pro* Education Balance is designed with specify gravity software and an above balance kit which allows for specific gravity determination. The integral weigh below hook is a secondary setup method for specific gravity determination

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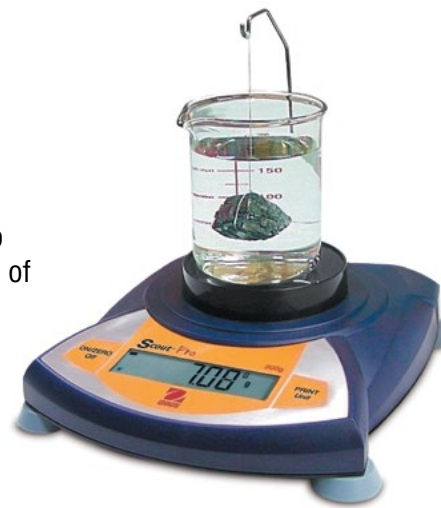
Totalization – Use Scout *Pro's* memory function to repeatedly sum the weight on the platform. Unlike other balances, the Scout *Pro* allows totalization up to the limit of the display!

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
- Kilograms
- Ounces
- Pounds
- Newtons

Scout *Pro* Education Balance Unit Availability

Model	SPE123*	SPE202	SPE402	SPE602	SPE401	SPE601	SPE2001	SPE4001	SPE6001	SPE6000
Capacity	120g	200g	400g	600g	400g	600g	2000g	4000g	6000g	6000g
Readability	0.001g	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g	0.1g	0.1g	1g
g	Yes	Yes	Yes	Y	Yes	Yes	Yes	Yes	Yes	Yes
kg	–	–	–	–	–	–	Yes	Yes	Yes	Yes
oz	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
lb	–	–	–	Yes	–	Yes	Yes	Yes	Yes	Yes
N	Yes	Yes	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
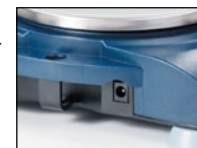
Above-Balance/Specific Gravity Kit
No need to suspend samples below the balance! Standard on all Education models up to 4000g

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

Model	SPE123	SPE202	SPE402	SPE602	SPE401	SPE601	SPE2001	SPE4001	SPE6001	SPE6000
Capacity (g)	**120***	**200**	**400**	**600**	**400**	**600**	**2000**	**4000**	**6000**	**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		±0.02	±0.1				±0.2	±1
Capacity x Readability (kg)	N/A	N/A	N/A	N/A	N/A	N/A	2.0000 x 0.0001	4.0000 x 0.0001	6.0000 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	21.645 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 0.005	211.65 x 0.05
Capacity x Readability (lb)	N/A	N/A	N/A	1.32280 x 0.00005	N/A	1.3230 x 0.0005	4.4090 x 0.0005	8.8185 x 0.0005	13.2280 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	5.8840 x 0.0001	3.923 x 0.001	5.884 x 0.001	19.613 x 0.001	39.227 x 0.001	58.840 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	600 g	400 g	600 g	2000 g	4000 g	6000 g	6000 g
Calibration Mass (Linear)	50 g	100 g	200 g	300 g	200 g	300 g	1000 g	2000 g	3000 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									

*Draftshield included

Standard Features/Equipment

Removable stainless steel weighing platform, high contrast LCD display, lockswitch, integral security bracket, integral shipping lock, integral weigh below hook, sealed front panel and molded spill ring, stability indicator, overload and underload indicators, low battery indicator, auto shut-off, AC adapter, calibration mass included on all models up to 600g capacity.

Accessories   Ohaus Number

Dot Matrix Printer	80252042
Adapter, RS232 Scout *Pro* Interface to the Dot Matrix Printer	80251934
Paper for Dot Matrix Printer	80251932
Ink Ribbon for Dot Matrix Printer	80251933
Thermal Printer	80251992
Paper for Thermal Printer	80251931
Adapter, RS232 Scout *Pro* Interface to the Thermal Printer	80251930
Ohaus Collect Software	80500746
TAL Software WinWedge	SW12W
RS232 Interface (cable Included) for SP, TA, NAV	83032107
USB Interface (cable Included) for SP,TA,NAV	83032108
Auxiliary Display Kit for Scout *Pro*	TAD7
Security Device for Scout *Pro*	76288-01
Scout *Pro* In-Use Cover, Set of 3	71168909
Hard Shell Carry Case for Scout *Pro*	77256-01

Industry Leading Quality and Support

All OHAUS Scout® *Pro* balances are manufactured under an ISO 9001:2008 Registered Quality Management System. Our rugged construction and stringent quality control have been hallmarks of all Ohaus products for over a century.

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