Scout® Pro
Portable Electronic Balances

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

Designed for use in laboratory, industrial or education applications, the OHAUS Scout® *Pro* features easy-to-use two-button operation, a high-contrast LCD display, multiple weighing units, four 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
- **Multiple Application Modes** – Scout *Pro* features Enhanced Parts Counting, Percent Weighing, Totalization and Display Hold

Built-In Application Modes:

Parts Counting – The Scout *Pro* is designed for counting parts for inventory control, parts bagging, receiving, dispensing and ticket counting

- Select from a sample size of 5, 10, 20 or 50 pieces while in counting mode with a quick button press

- The 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

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 the Scout *Pro's* memory function to repeatedly sum the weight on the platform for compounding and formulation. 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 package on the Scout *Pro's* display. Great for postal and shipping applications!

User-Configurable – The 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.

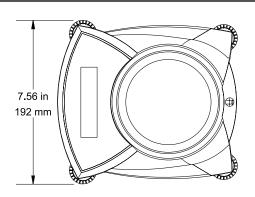## New Design for Portable or Benchtop Use

Scout Pro with Square Platform
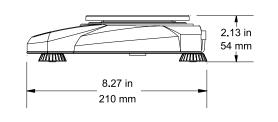*(6.5 x 5.5 in / 16.5 x 14.2 cm)*

- 600g x 0.1g
- 2000g x 0.1g
- 4000g x 0.1g
- 6000g x 0.1g
- 6000g x 1g

Scout Pro with Round Platform
(4.7 in / 12 cm diameter)

- 200g x 0.01g
- 400g x 0.01g
- 600g x 0.01g
- 400g x 0.1g

7.56 in
192 mm

2.13 in
54 mm

8.27 in
210 mm

Ohaus Scout Pro: Models and Weighing Units for Every Application

- Parts Counting and Bagging
- Animal/Egg Weighing
- Feed Dispensing
- Medical Output Studies
- Crop and Seed Analysis
- Paint, Ink, Dye and Glaze Formulation
- Compound Preparation and Packaging
- Dental Adhesive and Compound Formulation
- Education Experiments
- Field Studies
- Parts Inventory, Quality Control and Receiving
- Filter Analysis
- Testing Kits
- Sample Gathering and Field Testing
- Food Portioning and Packaging
- Catering and Restaurant Applications
- Diet and Portion Control
- Jewelry Stores and Pawn Shops
- Injection Molding Sampling
- Shipping and Receiving
- Racquet and Golf Club Balancing
- Ticket Counting

The Scout *Pro* features the most common weighing units required for use in the lab, on the shop floor, or in the field:

- Grams
- Kilograms
- Ounces
- Pounds
- Troy Ounces
- Pennyweights
- Combined Pound:Ounce display

Scout *Pro* Unit Availability

Model	SP202	SP402	SP602	SP401	SP601	SP2001	SP4001	SP6001	SP6000
Capacity	200g	400g	600g	400g	600g	2000g	4000g	6000g	6000g
Readability	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g	0.1g	0.1g	1g
g	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
kg	–	–	–	–	–	Yes	Yes	Yes	Yes
oz	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
lb	–	–	Yes	–	Yes	Yes	Yes	Yes	Yes
lb:oz	–	–	Yes	–	Yes	Yes	Yes	Yes	Yes
ozt	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
dwt	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

Security Bracket
Each Scout Pro features an integrated security bracket to prevent theft

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

Round or Square Stainless Steel Platform
Removable for easy cleaning

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

Easy-to-Clean
Sealed front panel and molded spill ring

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 Electronic Balances

Specifications

Model	SP202	SP402	SP602	SP401	SP601	SP2001	SP4001	SP6001	SP6000
Capacity (g)	**200**	**400**	**600**	**400**	**600**	**2000**	**4000**	**6000**	**6000**
Readability (g)	0.01			0.1					1
Repeatability (Std. Dev.) (g)	0.01			0.1					1
Linearity (g)	±0.01		±0.02	±0.1				±0.2	±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	6.0000 x 0.0001	6.000 x 0.001
Capacity x Readability (oz)	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	211.645 x 0.005	211.65 x 0.05
Capacity x Readability (lb)	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 (lb:oz)	N/A	N/A	1lb:5.165 oz x 0.001 oz	N/A	1lb:5.165 oz x 0.01 oz	4lb:6.550 oz x 0.01 oz	8lb:13.095 oz x 0.01 oz	13lb:3.65 oz x 0.01 oz	13lb:3.65 oz x 0.05 oz
Capacity x Readability (ozt)	6.4300 x 0.0005	12.8605 x 0.0005	19.2905 x 0.0005	12.860 x 0.005	19.290 x 0.005	64.300 x 0.005	128.605 x 0.005	192.905 x 0.005	192.90 x 0.05
Capacity x Readability (dwt)	128.60 x 0.01	257.21 x 0.01	385.81 x 0.01	257.2 x 0.1	385.8 x 0.1	1286 x 0.1	2572.1 x 0.1	3858.1 x 0.1	3858 x 1
Application Modes	Parts Counting with Average Piece Weigh Recalculation, 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)	200 g	400 g	600 g	400 g	600 g	2000 g	4000 g	6000 g	6000 g
Calibration Mass (Linear)	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)	4.7 / 12 diameter			6.5 x 5.5 / 16.5 x 14.2					
Dimensions WxHxD (in/cm)	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								

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, span calibration mass included on 200g, 400g and 600g models.

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

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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.

OHAUS®