



Laboratory

High Performance Balances and Scales



Ingenuously Practical

**ISO 9001:2008
Registered Quality Management System**

2012



OHAUS

For over 100 years OHAUS Corporation has been a global leader in the manufacture and design of balances and scales. Known worldwide for accuracy and durability, our products are designed with the features needed today and the flexibility to meet the needs of tomorrow.

Headquartered in the United States, OHAUS has offices in Europe, Asia and Latin America. Authorized dealers around the world provide superior customer service and quality products for our customers.

An ISO 9001:2008 registered manufacturer, OHAUS is dedicated to excellence in customer service and product performance.

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APPLICATION SELECTOR

Product Features	Analytical & Precision						Portable				
	Discovery	Explorer®	Explorer® Hi-Capacity	Adventurer™ Pro	Pioneer™	MB Series	Navigator®	Scout® Pro	Compact	Hand-Held	CL
General Weighing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Parts Counting	✓	✓	✓	✓	✓		✓	✓			
Percent Weighing	✓	✓	✓	✓	✓		✓	✓			
Checkweighing	✓	✓	✓	✓			✓				
Below Balance	✓	✓	✓	✓	✓			✓			
Dynamic Weighing	✓	✓	✓	✓							
Filling		✓	✓								
Totalization	✓	✓		✓			✓	✓			
Gross/Net/Tare	✓	✓	✓								
Statistics	✓	✓	✓			✓					
Formulation		✓	✓								
Differential Weighing		✓	✓								
Display Hold		✓		✓			✓	✓			
Density Determination	✓	✓									
Pipette Calibration	✓	✓									
GLP/GMP	✓	✓	✓	✓		✓					
High Point	✓	✓									
Moisture Determination						✓					
SQC		✓									
NTEP Certified		✓		Optional							



Advanced dual mass AutoCal™



Discovery shown with optional density determination kit.

DISCOVERY

The professional's choice for analytical applications

- ✓ **SmarText™ Software** guides users through application use and balance setup
- ✓ **Best weighing performance in its price class**
- ✓ **mg, g, ct, oz, ozt, GN, dwt, m, t HK, t SG, t TW, custom unit**
- ✓ **Advanced Dual Mass AutoCal™**

This family of durable, reliable balances delivers the performance and precision you would expect to find only in premium-priced balances.

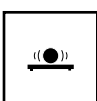
The new OHAUS Discovery series of semi-micro and analytical balances combine unmatched weighing performance with OHAUS' innovative SmarText™ software, making it extremely reliable and easy-to-use. The Discovery features durable glass and steel construction and together with advanced AutoCal™ internal calibration make it the best performing balance in its class.



OIML
Approved



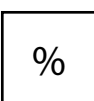
Parts
Counting



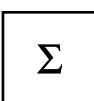
Dynamic/
Animal
weighing



Check-
Weighing



Percent
Weighing



Totalization



Hi Point



Statistics



Internal
Calibration



Pipette
Calibration



Gross/Net/
Tare



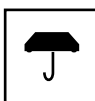
Density
Determination



Time/
Date



GLP Data
Output



Weigh Below
Hook



Backlight



RS232
Interface

Item #	DV114C	DV214C	DV314C	DV215CD
Capacity (g)	110	210	310	81* / 210
Readability (mg)	0.1			0.01* / 0.1
Repeatability (Std. Dev.) (mg)	0.1		0.2	0.02* / 0.1
Linearity (mg)	±0.2		±0.5	±0.03* / 0.2
Pan Size (in/cm)	3.5 / 9 Diameter			
Dimensions (WxHxD) (in/cm)	7.9 x 11.8 x 18 / 20 x 30 x 45.7			
Span Mass (g)	100	200	200	200
Mass Item # (optional)	49015-11	49025-11	49025-11	49025-11
List Price	\$3,884	\$4,208	\$4,759	\$5,341

*DualRange™

Discovery Accessories		
OHAUS #	Description	Price
80252042	Compact Dot Matrix Impact Printer	\$508
80252571	RS232 Cable & Adapter to 80252042 Printer	\$106
80251932	Paper for Printer 80252042 (1 roll)	\$9
80251933	Ribbon for Printer 80252042	\$29
80251992	Compact Thermal Printer	\$432
80251931	Paper for Thermal Printer 80251992 (1 roll)	\$10
80252581	RS232 Cable & Adapter to 80251992 Printer	\$106
80500746	OHAUS Collect Software	\$469
SW12W	TAL Software WinWedge	\$304
80500524	RS232 Cable, PC 25 Pin	\$106
80500525	RS232 Cable, PC 9 Pin	\$106
12103498	Replacement In-Use Cover for Discovery	\$45
77401-00	Security Device for Discovery	\$145
77402-00	Density Determination Kit for Discovery	\$1,068
49015-11	100g Weight ASTM Class I	\$72
49025-11	200g Weight ASTM Class I	\$84

**NEW
BALANCE!**
NEW PRECISION MODELS
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EXPLORER®

The industry's most easy-to-use balance

- ✓ **SmarText 2.0 software with full color touch screen display** guides users through the weighing process
- ✓ **AutoCal™ automatic balance calibration—no need for external masses**
- ✓ **Touch-free operation—two sensors on the base and two on the display**
- ✓ **QWERTY keyboard and numeric keypad**
- ✓ **Fast stabilization time—up to 50% faster than previous generation**
- ✓ **Superior vibration filtering—provides balance stability in unstable environments**
- ✓ **Frameless, flip-top draftshield provides unobstructed access to the weighing chamber**
- ✓ **Antistatic coated glass helps dissipate static charges**
- ✓ **Library function to store and recall customized applications**
- ✓ **Data Transfer Function helps to output data directly into Microsoft Excel**
- ✓ **Standard USB and RS232 and an optional third port of either RS232 or Ethernet**

Completely re-imagined from the ground up, the OHAUS Explorer rises to a whole new level—a product so extraordinary, it's like nothing you've seen before!

The OHAUS Explorer features a user friendly application-based graphical software platform in concert with a redesigned antistatic draftshield, enhanced weighing performance, and a flexible modular display that detaches from the weighing base. Ingeniously striking a balance between cutting-edge technology and functional design, the Explorer delivers accurate performance, with the end user in mind to improve lab efficiency.



Resistive touch screen display quickly responds to operator's touch

Four touchless sensors provide hands-free operation of tare, print, calibration, and other selectable functions.



Parts Counting	Check-Weighing	Dynamic/Animal weighing	Percent Weighing	Totalization	Hi Point	Statistics	Internal Calibration
Pipette Adjustment	Gross/Net/Tare	Density Determination	Time/Date	GLP Data Output	Weigh Below Hook	Backlit Touchscreen	RS232/USB Interface
Ethernet Interface (Optional)	OIML Approved	NTEP Certified (Optional)*	UP TO ELEVEN OPERATING LANGUAGES				

Item#	EX124	EX224	EX324
Capacity (g)	120	220	320
Readability (mg)	0.1		
Repeatability std (g)	±0.0001		
Linearity (g)	±0.0002		
PanSize (in/mm)	3.5 / 90 Diameter		
Display Housing (WxHxD) (in/mm)	7.7 x 3.5 x 6.0 / 195 x 90 x 154		
Base Housing (WxHxD) (in/mm)	9.1 x 13.8 x 15.5 / 230 x 350 x 393		
List Price	\$3,841	\$4,359	\$4,991

*NTEP models available Summer 2012



High resolution, 5.7" color TFT display



QWERTY and numeric key pads to quickly input GLP and GMP data



Data transfer function helps to output data directly into leading software applications.

Frameless, flip-top design provides unobstructed access to the weighing chamber.

Explorer® Accessories		
OHAUS #	Description	Price
83021102	Tower Mount for Terminal	\$91
83021083	Terminal Extension Cable	\$48
80253384	Density Determination Kit	\$434
83021084	Draftshield Kit	\$525
470004-010	Security Device	\$127
80251992	Compact Thermal Printer	\$432
80252042	Compact Dot Matrix Impact Printer	\$508
80500524	Interface Cable, PC 25 pin	\$106
80500525	Interface Cable, PC 9 pin	\$106
83021085	Interface Cable, USB (Type A to B)	\$106
83021081	Second RS232 Kit	\$106
83021082	Ethernet Kit	\$106
83021086	Foot Switch Kit	\$101



Display can be separated from the weighing base. Extension cable accessory extends remote use up to 10 feet.

ADVENTURER™ PRO

The most complete balance in its class

- ✓ **Frameless draftshield for easy access into weighing chamber**
- ✓ **SmarText™ software easily guides users through applications**
- ✓ **QuadraStance™ design for superior stability**
- ✓ **mg, g, kg, lb, oz, ozt, ct, GN, dwt, m, N, ti, t HK, t SG, t TW, baht, mesghal, tola, custom unit**

The Adventurer Pro has established itself as the industry's most versatile balance. It counts, it sums, it holds and it delivers traceable results. No other balance in its class offers as many features in a compact design.

Parts Counting	Dynamic/Animal weighing	Check-weighing	Percent Weighing	Totalization	Display Hold	Time/Date	GLP Data Output
Backlight	Weigh Below Hook	Internal Calibration (Optional)	RS232/USB (2nd Interface Optional)	OIML Approved (Optional)	NTEP Certified (Optional)		

For a complete listing of available NTEP Certified models contact an OHAUS Customer Service Representative.

Item # w/ InCal	AV64C	AV114C	AV264C
Item # w/o InCal	AV64	AV114	AV264
Capacity (g)	65	110	260
Readability (mg)	0.1		
Linearity (mg)	± 0.2		± 0.3
Pan Size (in/cm)	3.5 / 9 Diameter		
Dimensions (W×H×D) (in/cm)	8.7 × 10.8 × 11.8 / 22 × 27.5 × 30		
Span Mass (g)	50	100	250
Mass Item # (optional)	49054-11	49015-11	49025-11 (200g) 49054-11 (50g)
List Price w/ InCal	\$2,493	\$2,699	\$3,245
List Price w/o InCal	\$2,184	\$2,493	\$2,987

Adventurer® Pro Accessories		
OHAUS #	Description	Price
80252042	Compact Dot Matrix Impact Printer	\$508
80252571	RS232 Cable & Adapter to 80252042 Printer	\$106
80251932	Paper for Printer 80252042 (1 roll)	\$9
80251933	Ribbon for Printer 80252042	\$29
80251992	Compact Thermal Printer	\$432
80251931	Paper for Thermal Printer 80251992 (1 roll)	\$10
80252581	RS232 Cable & Adapter to 80251992 Printer	\$106
80500746	OHAUS Collect Software	\$469
SW12W	TAL Software WinWedge	\$304
80500524	RS232 Cable, PC 25 Pin	\$106
80500525	RS232 Cable, PC 9 Pin	\$106
80253384	Density Determination Kit	\$434
76288-01	Security Device	\$52
12103879	In-Use Cover for Adventurer Pro (large housing)	\$19
80850092	RS232 (2nd) Accessory kit for Adventurer Pro	\$106
83033014	USB Accessory kit for Adventurer Pro	\$106



Hinged top and sliding side doors allow easy access



Removable front, side and back glass panels





PIONEER™

High Performance at an economical price

- ✓ RS232 for data connectivity
- ✓ Easy to clean draftshield with sliding top
- ✓ Upfront level indicator
- ✓ mg, g, oz, ozt, ct, GN, dwt, m, N, ti, t HK, t SG, t TW, baht, mesghal, tola
- ✓ Selectable environmental settings

Pioneer—full featured, simple to use. All the quality you have come to expect from OHAUS in an economical package.



Parts
Counting



Percent
Weighing



Weigh
Below
Hook



Removable doors for easy access and cleaning



Selectable environmental settings for working in practically any condition



RS232 interface for data connectivity



Built-in security bracket

Item #	PA64	PA114	PA214
Capacity (g)	65	110	210
Readability (mg)	0.1	0.1	0.1
Linearity (mg)	± 0.2	± 0.2	± 0.3
Platform Size (in/cm)	3.54 / 9 Diameter		
Dimensions (in/cm)	7.7 × 11.3 × 12.6 / 19.6 × 28.7 × 32		
Span Mass (g)	50	100	200
Mass Item # (opt.)	49054-11	49015-11	49025-11
List Price	\$1,957	\$2,236	\$2,472

Pioneer™ Accessories		
OHAUS #	Description	Price
80252042	Compact Dot Matrix Impact Printer	\$508
80252571	RS232 Cable & Adapter to 80252042 Printer	\$106
80251932	Paper for Printer 80252042 (1 roll)	\$9
80251933	Ribbon for Printer, 80252042	\$29
80251992	Compact Thermal Printer	\$432
80251931	Paper for Thermal Printer 80251992 (1 roll)	\$10
80252581	RS232 Cable & Adapter, 80251992 Printer to all MB models	\$106
80500746	OHAUS Collect Software	\$469
SW12W	TAL Software WinWedge	\$304
80500525	RS232 Cable, PC 9 Pin to Pioneer	\$106
80500524	RS232 Cable, PC 25 Pin to Pioneer	\$106
PAD7	Auxiliary Display Kit for Pioneer	\$35
80253384	Density Determination Kit for Pioneer analytical balances (0.1mg)	\$434
76288-01	Security Device for Pioneer	\$52



Four touchless sensors provide hands-free operation of tare, print, calibration, and other selectable functions.



Adjustable viewing angle display

EXPLORER®

The industry's most easy-to-use balance

- ✓ **SmarText 2.0 software with full color touch screen display** guides users through the weighing process
- ✓ **AutoCal™ automatic balance calibration—no need for external masses**
- ✓ **Touch-free operation—two sensors on the base and two on the display**
- ✓ **QWERTY keyboard and numeric keypad**
- ✓ **Fast stabilization time—up to 50% faster than previous generation**
- ✓ **Superior vibration filtering—provides balance stability in unstable environments**
- ✓ **Frameless, flip-top draftshield provides unobstructed access to the weighing chamber**
- ✓ **Antistatic coated glass helps dissipate static charges**
- ✓ **Library function to store and recall customized applications**
- ✓ **Data Transfer Function helps to output data directly into Microsoft Excel**
- ✓ **Standard USB and RS232 and an optional third port of either RS232 or Ethernet**

Completely re-imagined from the ground up, the OHAUS Explorer rises to a whole new level—a product so extraordinary, it's like nothing you've seen before!

The OHAUS Explorer features a user friendly application-based graphical software platform in concert with a redesigned antistatic draftshield, enhanced weighing performance, and a flexible modular display that detaches from the weighing base. Ingeniously striking a balance between cutting-edge technology and functional design, the Explorer delivers accurate performance, with the end user in mind to improve lab efficiency.

Parts Counting	Check-Weighing	Dynamic/Animal weighing	Percent Weighing	Totalization	Hi Point	Statistics	Internal Calibration
Pipette Adjustment	Gross/Net/Tare	Density Determination	Time/Date	GLP Data Output	Weigh Below Hook	Backlit Touchscreen	RS232/USB Interface
Ethernet Interface (Optional)	OIML Approved	NTEP Certified (Optional)**	UP TO ELEVEN OPERATING LANGUAGES				

NTEP models available Summer 2012

Item#	EX223*	EX423*	EX623*	EX1103*	EX2202	EX4202	EX6202	EX10202	EX6201	EX10201
Capacity (g)	220	420	620	1100	2200	4200	6200	10200	6200	10200
Readability (g)	0.001				0.01				0.1	
Repeatability std (g)	±0.001				±0.01				±0.1	
Linearity (g)	±0.002				±0.02				±0.1	
PanSize (in/mm)	Ø5.1 / 130				7.5 × 7.9 / 190 × 200					
Display Housing (W×H×D) (in/mm)	7.7 × 3.5 × 6.0 / 195 × 90 × 154									
Base Housing (W×H×D) (in/mm)	9.1 × 13.8 × 15.5 / 230 × 350 × 393				9.1 × 3.9 × 15.5 / 230 × 98 × 393					
List Price	\$3,036	\$3,301	\$3,611	\$4,359	\$3,036	\$3,301	\$3,611	\$4,359	\$3,094	\$3,324

*Includes Draftshield **NTEP models available Summer 2012



Display can be separated from the weighing base. Extension cable accessory extends remote use up to 10 feet.

Tower mount accessory available



Resistive touch screen display quickly responds to operator's touch



High resolution, 5.7" color TFT display



QWERTY and numeric key pads to quickly input GLP and GMP data

Explorer® Accessories		
OHAUS #	Description	Price
83021102	Tower Mount for Terminal	\$91
83021083	Terminal Extension Cable	\$48
80253384	Density Determination Kit	\$434
83021084	Draftshield Kit	\$525
470004-010	Security Device	\$127
80251992	Compact Thermal Printer	\$432
80252042	Compact Dot Matrix Impact Printer	\$508
80500524	Interface Cable, PC 25 pin	\$106
80500525	Interface Cable, PC 9 pin	\$106
83021085	Interface Cable, USB (Type A to B)	\$106
83021081	Second RS232 Kit	\$106
83021082	Ethernet Kit	\$106
83021086	Foot Switch Kit	\$101

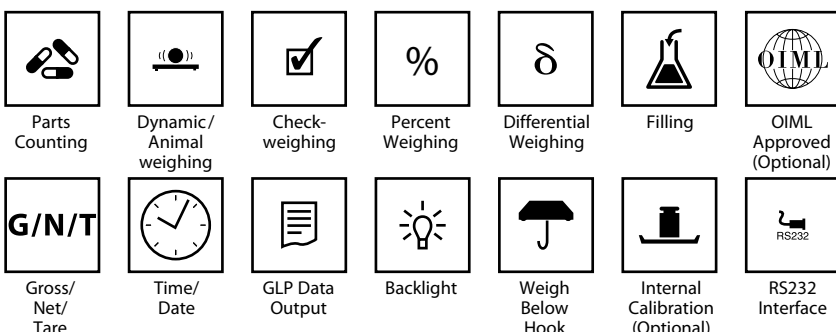


EXPLORER® PRO

Logical, intuitive and easy to use

- ✓ Feature-rich software for a wide variety of applications
- ✓ Large, brilliant graphic display for easy reading under all lighting conditions
- ✓ SmarText™ Software guides users through application use and balance setup
- ✓ g, kg, ozt, lb, ct, GN, dwt, m, N, ti, t HK, t SG, t TW, custom unit
- ✓ Optional AutoCal™ internal calibration

Explorer Pro features an ultra-simple and innovative user interface with on screen text prompts and scroll down menus. One-step operation guides you through Explorer Pro's application modes with a single button press. The high-resolution display is easy to view and displays only the information you want to see.



Item # w/ AutoCal	EP12001C	EP22001C	EP32001C
Item # w/o AutoCal	EP12001	EP22001	EP32001
Capacity (g)	12,000	22,000	32,000
Readability (g)	0.1		
Linearity (g)	±0.4		
Platform Size (in/cm)	11 × 14 / 28 × 35.6		
Dimensions (W×H×D) (in/cm)	14 × 5.3 × 16.4 / 35.5 × 13.3 × 40.6		
Span Mass (g)	10,000	20,000	30,000
Mass Item # (opt.)	80781003	80781005	80781007
Price w/ AutoCal	\$4,021	\$4,297	\$4,509
Price w/o AutoCal	\$3,703	\$4,021	\$4,233

Explorer® Pro Accessories		
OHAUS #	Description	Price
80252042	Compact Dot Matrix Impact Printer	\$508
80500570	RS232 Cable & Adapter to 80252042 Printer	\$106
80251932	Paper for Printer 80252042 (1 roll)	\$9
80251933	Ribbon for Printer 80252042	\$29
80251992	Compact Thermal Printer	\$432
80251931	Paper for Printer 80251992 (1 roll)	\$10
80252580	RS232 Cable & Adapter to 80251992 Printer	\$106
80500746	OHAUS Collect Software	\$469
SW12W	TAL Software WinWedge	\$304
AS017-09	RS232 Cable, PC 9 Pin to Explorer Pro	\$110
AS017-02	RS232 Cable, PC 25 Pin to Explorer Pro	\$110
80253384	Density Determination Kit	\$434
470004-010	Security Device for Explorer Pro up to 8kg	\$127
80850042	In-Use Cover for Explorer Pro	\$45

Removable winding



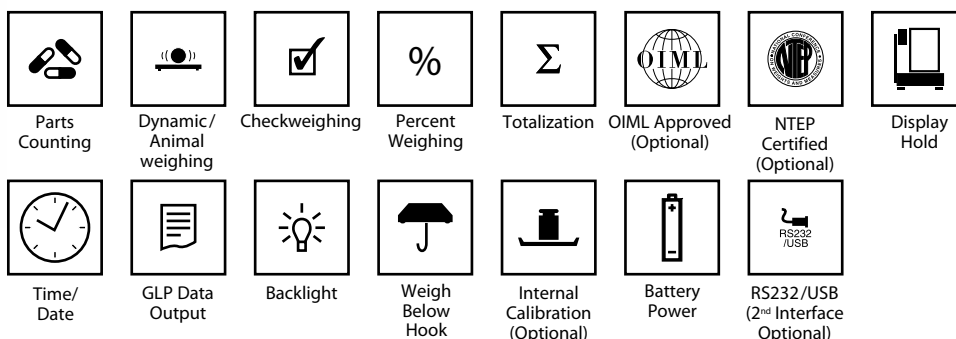
1mg models include draftshield.

ADVENTURER™ PRO

The most complete balance in its class

- ✓ **SmarText™** software easily guides users through applications
- ✓ **QuadraStance™** design for superior stability
- ✓ **mg, g, kg, lb, oz, ozt, ct, GN, dwt, m, N, ti, t HK, t SG, t TW, baht, mesghal, tola, custom unit**

The Adventurer Pro has established itself as the industry's most versatile balance. It counts, it sums, it holds and it delivers traceable results. No other balance in its class offers as many features in a compact design.



Item # w/ InCal™	Not Available	AV213C	AV313C	AV212C	AV412C	AV812C	AV2102C	AV3102C	AV2101C	AV4101C	AV8101C
Item # w/o InCal	AV53*	AV213	AV313	AV212*	AV412*	AV812*	AV2102	AV3102	AV2101*	AV4101*	AV8101*
Capacity (g)	51	210	310	210	410	810	2100	3100	2100	4100	8100
Readability (g)	0.001			0.01					0.1		
Linearity	±0.002			±0.02					±0.2		
Pan Size w/InCal (in/cm)	Not Available	4.7 / 12 Diameter			6.6 × 7.1 / 16.8 × 18						
Pan Size w/o InCal(in/cm)	3.9/10 Dia.	4.7 / 12 Diameter			5.8 × 6.3 / 14.9 × 16.2		6.6 × 7.1 / 16.8 × 18		5.8 × 6.3 / 14.9 × 16.2		
Dimensions w/InCal (W×H×D) (in/cm)	Not Available	8.7 × 7.5 × 11.8 / 22 × 19 × 30		8.7 × 3.3 × 11.8 / 22 × 8.5 × 30							
Dimensions w/o InCal (W×H×D) (in/cm)	7.5 × 6 × 10/ 19.3×14.4×25.4	8.7 × 7.5 × 11.8 / 22 × 19 × 30		7.6 × 2.8 × 10 / 19.3 × 7.2 × 25.4			8.7 × 3.3 × 11.8 / 22 × 8.5 × 30		7.6 × 2.8 × 10 / 19.3 × 7.2 × 25.4		
Span Mass (g)	50	200	300	200	200	500	2000	3000	2000	2000	5000
Mass Item # (optional)	49054-12	49025-11	49025-1(200) 49015-1(100)	49025-12	49025-12	49055-12	49026-11	49026-11(2000) 49016-11(1000)	49026-12	49026-12	80782001
Price w/ InCal	—	\$1,644	\$1,809	\$913	\$1,006	\$1,129	\$1,644	\$1,773	\$913	\$990	\$1,098
Price w/o InCal	\$929	\$1,325	\$1,490	\$810	\$903	\$1,026	\$1,325	\$1,495	\$810	\$903	\$1,026

*Battery power capability



USB option



Battery Power option



2-line LCD display with SmarText software.

Adventurer® Pro Accessories

OHAUS #	Description	Price
80252042	Compact Dot Matrix Impact Printer	\$508
80252571	RS232 Cable & Adapter to 80252042 Printer	\$106
80251932	Paper for Printer 80252042 (1 roll)	\$9
80251933	Ribbon for Printer 80252042	\$29
80251992	Compact Thermal Printer	\$432
80251931	Paper for Thermal Printer 80251992 (1 roll)	\$10
80252581	RS232 Cable & Adapter to 80251992 Printer	\$106
80500746	OHAUS Collect Software	\$469
SW12W	TAL Software WinWedge	\$304
80500524	RS232 Cable, PC 25 Pin	\$106
80500525	RS232 Cable, PC 9 Pin	\$106
80253384	Density Determination Kit	\$434
76288-01	Security Device	\$52
12103879	In-Use Cover for Adventurer Pro (large housing)	\$19
80850092	RS232 (2nd) Accessory kit for Adventurer Pro	\$106
83033014	USB Accessory kit for Adventurer Pro	\$106



PIONEER™

High Performance at an economical price

- ✓ **RS232 for data connectivity**
- ✓ **Upfront level indicator**
- ✓ **mg, g, oz, ozt, ct, GN, dwt, m, N, ti, t HK, t SG, t TW, baht, mesghal, tola**
- ✓ **Selectable environmental settings**

Pioneer—full featured, simple to use. All the quality you have come to expect from OHAUS in an economical package.



Parts
Counting



Percent
Weighing



Weigh Below
Hook

1mg models include draftshield.

Item #	PA153	PA313	PA512	PA1502	PA3102	PA4101
Capacity (g)	150	310	510	1500	3100	4100
Readability (g)	0.001	0.001	0.01	0.01	0.01	0.1
Linearity (g)	±0.002	±0.002	±0.02	±0.02	±0.02	±0.1
Platform Size (in/cm)	4.72 / 12 Diameter		7.1 / 18 Diameter			
Dimensions (in/cm)	7.7 × 11.3 × 12.6 / 19.6 × 28.7 × 32					
Span Mass(g)	100 or 150	200 or 300	200 or 500	1000 or 1500	2000 or 3000	2000 or 4000
List Price	\$1,171	\$1,294	\$995	\$1,171	\$1,325	\$862



Selectable environmental settings for working in practically any condition



Built-in security bracket



RS232 interface for data connectivity

Pioneer™ Accessories		
OHAUS #	Description	Price
80251992	Compact Thermal Printer	\$432
80252042	Compact Dot Matrix Impact Printer	\$508
80251932	Paper for Printer, 80252042 (1 roll)	\$9
80251933	Ribbon for Printer, 80252042	\$29
80252571	RS232 Cable & Adapter to 80252042 Printer	\$106
80252581	RS232 Cable & Adapter to 80251992 Printer	\$106
80500746	OHAUS Collect Software	\$469
SW12W	TAL Software WinWedge	\$304
80500525	RS232 Cable, PC 9 Pin to Pioneer	\$106
80500524	RS232 Cable, PC 25 Pin to Pioneer	\$106
PAD7	Auxiliary Display Kit for Pioneer	\$35
76288-01	Security Device for Pioneer	\$52

Moisture Analysis



MB SERIES

Redefining value in moisture analysis

- ✓ **Easy to setup and operate**—The MB45/35 utilize a dot matrix graphic display for quick setup and use. The MB23/25 employ a bright backlit LCD display.
- ✓ **Halogen or IR heating elements**—MB45/35/25 have a fast and even heating halogen lamp, while the MB23 uses a glass free IR heating system.
- ✓ **Simple or Advanced**—The MB45 features powerful software with an integrated database to store 50 drying procedures along with the ability to track statistical data. All products feature multiple shutoff criteria to save time and cost.

Flexible choices with capacities from 35g to 110g and readabilities of 0.01g to 0.001g.



MB45 Dot Matrix display



Pan Handler



Statistics



Moisture Analysis



Multi-language



Time/Date



GLP Data Output



Backlight



RS232 Interface

Item #	MB45	MB35	MB25	MB23
Capacity (g)	45	35	110	110
Readability	0.01%/0.001g	0.02%/0.002g	0.05% / 0.005g	0.1% / 0.01g
Repeatability (g)	0.05 % (3g sample) 0.015 % (10g sample)	0.18 % (3g sample) 0.05 % (10g sample)	0.2% (3g sample) 0.05% (10g sample)	0.3% (3g sample) 0.2% (10g sample)
Pan Size (in/cm) Diameter	3.5/90 Sample Pan Handler included	3.5/90 Sample Pan Handler included	3.5/90 Sample Pan Handler included	3.5/90 Sample Pan Handler optional
Timer	1-120 Minutes in 10 second increments	1-120 Minutes in 30 second increments	1 - 99 minutes, 30-second increments to 60 minutes	
Heating Element	Halogen	Halogen	Halogen	IR
Temperature Range	50° to 200° C in 1° C increments	50° to 160° C in 5° C increments		
Dimensions (WxHxD) (in/cm)	7.5 x 6 x 14 / 19 x 15.2 x 35		6.5 x 5 x 11 / 17 x 13 x 28	
Displays	% Moisture, % Solids, Time, Weight, Statistics, Temperature, Test ID, Drying Curve	% Moisture, Time, Weight, Temperature	% moisture or % solids or weight (g), temperature, time	
Span Mass (g)	20		50	
Mass Item # (opt.)	49024-11		51054-16	
List Price	\$3,920	\$3,518	\$2,857	\$2,437



MB25



MB23

MB Accessories		
OHAUS #	Description	Price
11113857	Temperature Calibration Kit for all MB Models	\$332
80251932	Paper for Printer, 80252042 (1 roll)	\$9
80251933	Ribbon for Printer, 80252042	\$29
80251992	Compact Thermal Printer	\$432
80252042	Compact Dot Matrix Impact Printer	\$508
80252475	In-Use Cover for MB25 and MB23	\$19
80252571	RS232 Cable & Adapter, 80252042 Printer	\$106
80252581	RS232 Cable & Adapter, 80251992 Printer	\$106
SW12W	TAL Software WinWedge	\$304
80500525	RS232 Cable, PC 9 Pin	\$106
80850086	Sample Pans - all MB models (50/box)	\$34
80850088	Reusable Sample Pans - (3/pk)	\$114
80850087	Pads, Glass Fiber for all MB Models (200/box)	\$56
470004-010	Security Lock for MB23 and MB25 (Kensington® type)	\$127
80850085	In-Use Cover for MB45 and MB35	\$43
6081-00	Pan Liners for MB200 Moisture Balance ONLY, Pack of 100	\$44
6081-B0	Pan Liners for MB200 Moisture Balance ONLY, Pack of 1000	\$256



MB25/23 Display



MB25/23 RS232 interface connection

NAVIGATOR®

The Only Scale in its Class with Touchless Sensors!

- ✓ Two touchless sensors which free up your hands for handling samples and minimizing wear & tear on the keypad
- ✓ Application modes include weighing, percent weighing, parts counting, display hold and accumulate
- ✓ Weighing units – gram, kilogram, pound, ounce (decimal or fractional)
- ✓ One second stabilization time provides fast, accurate weighing results; improving efficiency, productivity and throughput
- ✓ Superior overload protection system allows the scale to withstand loads up to 400% of its rated capacity
- ✓ Multiple application modes allow for a wide range of use; quality control, inventory management, shipping, receiving, recipes, formulation, portioning and more!

The Navigator series offers a unique combination of features including touchless sensors, ultra-fast response time and superior overload protection for use in a wide variety of weighing applications.



Set up the two sensors independently to operate up to 36 combinations of functions without touching the keys.



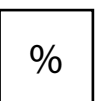
Parts Counting



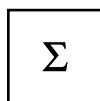
Backlight



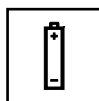
Check-Weighing



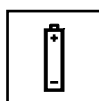
Percent Weighing



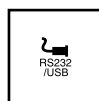
Totalization



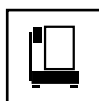
Battery Power NV



Rechargeable Battery NVL, NVT



RS232/USB (2nd Interface Optional)



Display Hold



Navigator

Navigator	NV212	NV511	NV1101	NV2101	NV4101	NV5101
Capacity (g)	210	510	1100	2100	4100	5100
Readability (g)	0.01	0.1	0.1	0.1	0.2	0.5
Linearity (g)	±0.02	±0.2	±0.2	±0.2	±0.4	±1
Span Calibration Mass	200 g	300 g	500 g	1 kg	2 kg	3 kg
Pan Size (W x D) mm	120mm diameter			190 x 138mm		
Scale Dimensions (W x D x H) mm	204 x 212 x 58					
List Price	\$483	\$420	\$452	\$483	\$483	\$483



Navigator XL

Includes rechargeable battery!

Navigator XL	NVL511/1	NVL1101/1	NVL2101/1	NVL5101/1	NVL10001/1	NVL20000/1
Capacity (g)	510	1100	2100	5100	10000	20000
Readability (g)	0.1	0.1	0.1	0.5	1	1
Linearity (g)	±0.2	±0.2	±0.2	±1	±2	±2
Span Calibration Mass	300 g	500 g	1 kg	3 kg	5 kg	10 kg
Pan Size (W x D)	194 x 203 mm					
Scale Dimensions (W x D x H)	204 x 282 x 74 mm					
List Price	\$462	\$504	\$546	\$525	\$588	\$588



Navigator XT

Includes rechargeable battery!

Navigator XT	NVT1601/1	NVT3201/1	NVT6401/1	NVT10001/1	NVT16000/1
Capacity (g)	1600	3200	6400	10000	16000
Readability (g)	0.1	0.2	0.5	0.5	1
Linearity (g)	±0.2	±0.4	±1	±1	±2
Span Cal Mass (kg)	1	2	5	10	10
Pan Size (W x D)	230 x 174 mm				
Scale Dimensions (W x D x H)	240 x 250 x 70 mm				
List Price	\$406	\$406	\$390	\$406	\$406

SCOUT® PRO

Hands Down—the industry's best portable balance

- ✓ Mechanical and software protection provides superior resistance to shock and overloading
- ✓ Easy, snap-in RS232 or USB interface accessory
- ✓ g, kg*, oz, ozt, lbs and combined lb:oz display**, dwt
- ✓ Software lock switch and integrated transportation lock

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

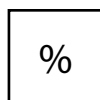
*kg available in models SP202, SP402, SP602, SP401, SP601 **lbs and lb:oz available in models SP202, SP402, SP401



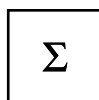
Mechanical and software overload protection



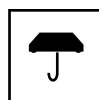
Parts Counting



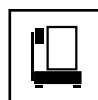
Percent Weighing



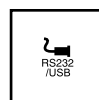
Totalization



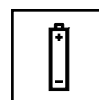
Weigh Below Hook



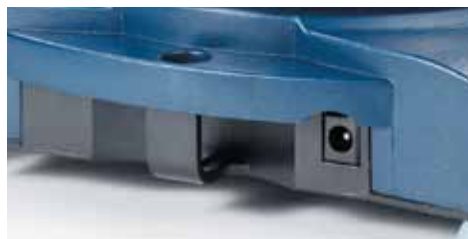
Display Hold



RS232 / USB Interface (Optional)



Battery Power



Integrated security bracket accommodates accessory security device.



Internal RS232 or USB port with integrated cable.

Item #	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
Linearity	±0.01		±0.02	±0.1				±0.02	±1
Pan Size (in/cm)	4.7 / 12 Diameter				6.5 × 5.5 / 16.5 × 14.2				
Dimensions (W×H×D) (in/cm)	7.56 × 2.13 × 8.27 / 19.2 × 5.4 × 21								
Span Mass (g)	200	200	300	200	300	2000	4000	6000	4000
Mass Item # (opt.)	51025-16	51025-16	51025-16	51025-16	51035-16	51026-16	51026-16 (2)	51026-16 (2)	51026-16 (2)
List Price	\$370	\$520	\$609	\$204	\$302	\$383	\$560	\$632	\$317



Transportation lock

Scout® Pro Accessories		
OHAUS #	Description	Price
80252042	Compact Dot Matrix Impact Printer	\$508
80251934	Adapter, RS232 Scout Pro Interface to the Dot Matrix Printer	\$17
80251932	Paper for Printer, 80252042 (1 roll)	\$9
80251933	Ribbon for Printer 80252042	\$29
80251992	Compact Thermal Printer	\$432
80251931	Paper for Printer 80251992 (1 roll)	\$10
80251930	Adapter, RS232 Interface Kit to 80252042 Printer	\$17
80500746	OHAUS Collect Software	\$469
SW12W	TAL Software WinWedge	\$304
83032107	RS232 Interface (cable Included -- need item 80251934 for printer)	\$91
83032108	USB Interface (cable Included)	\$91
TAD7	Auxiliary Display Kit	\$35
76288-01	Security Device	\$52
71168909	Scout Pro In-Use Cover, Set of 3	\$29
77256-01	Hard Shell Carry Case for Scout Pro	\$70

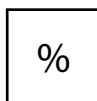


VALOR™ 3000 XTREME

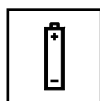
Stainless steel design in a high performance, easy-to-use, portable scale

- ✓ 10× capacity rated overload protection
- ✓ Easy-to-clean stainless steel pan and housing
- ✓ Bright backlit LCD
- ✓ g, kg, decimal or fractional oz, fluid oz (of water), lb, lb:oz
- ✓ 4 large non-slip adjustable rubber feet
- ✓ SmarText™ user interface guides users through application use and scale setup

The Valor 3000 Xtreme offers high precision readability, durability, and ease-of-use, in a sleek and stainless steel housing. Washdown versions models ensure that the Valor 3000 Xtreme meets the needs of even the most demanding environments.



Percent Weighing



Battery Power



Specific Gravity Mode



IP65 Models Available



Backlight

WASHDOWN

WASHDOWN WASHDOWN

Item #	V31XH202	V31XH402	V31XW301	V31X501	V31XH2	V31X3	V31XH4	V31XW3	V31XW6	V31X6
Capacity (g)	200	400g	300	500	2000	3000	4000	3000	6000	6000
Readability (g)	0.01	0.01	0.1	0.1	0.1	0.5	0.1	0.5	1	1
Linearity (g)	±0.01		±0.2	±0.1		±1	±0.1	±1	±2	±1
Platform Size (in/cm)	4.7 / 12 Diameter		5.8 × 6.2 / 14.6 × 15.8	4.7 / 12 Dia.	5.8 × 6.2 / 14.6 × 15.8					
Dimensions (in/cm)	8.5 × 7.3 × 3 / 21.8 × 18.6 × 7.7									
Span Mass (g)	200	400	300	500	2000	3000	4000	3000	6000	6000
List Price	\$530	\$686	\$437	\$407	\$530	\$370	\$728	\$437	\$437	\$370



Carrying Case

Valor™ 3000 Xtreme Accessories		
OHAUS #	Description	Price
80251216	Hard Shell Carrying Case for Valor 3000 Xtreme	\$70
80251147	Sandwich Pan	\$44
80251148	French Fries / Taco Holder	\$44
80251149	Ice Cream Cone Holder	\$44
3369-10	Polypropylene Maxi-Scoop™ 10" Diameter × 2.5" deep (25.4cm Diameter × 6.4cm Deep) with pouring spout, weight 145g	\$21
80250954	Stainless Steel Scoop 17.2 × 11 × 3.4 in (44 × 28 × 8.5cm)	\$50
80250400	Stainless Steel Scoop 11.9 × 7.38 × 1.69 in	\$39



Sandwich Pan



Ice Cream Cone Holder



French Fries/Taco Holder



**STAINLESS STEEL PAN AND
AC POWER PACK INCLUDED!
A \$40 VALUE!**



Small enough to carry in your lab coat pocket!



**CL5000F comes with
carrying case**

COMPACT

The economical portable scale

- ✓ **Best overall overload protection and durability in its class**
- ✓ **Superior RF protection for use in production areas**
- ✓ **g, lb:oz, Newton**
- ✓ **Battery or AC powered**
- ✓ **Available with Postal charts and metal letter holders**

From the laboratory to the field, our Compact Scales are reliable and easy to use. The portable Compact moves with you to any environment and has a long battery life for all-day field experiments. Consistent and quick weighing has never been so easy!

Item #	CS200	CS2000	CS5000
Capacity × Readability (g)	200 × 0.1	2000 × 1	5000 × 1
Linearity (g)	±0.1	±1	±1
Pan Size (in/cm)	5.75 × 5.25 / 14.6 × 13.3		
Dimensions (W×H×D) (in/cm)	7.6 × 5.3 × 1.5 / 19.3 × 13.5 × 3.9		
Span Mass (g)	200	1000	2000
Mass Item # (optional)	51025-16	51016-16	51026-16
List Price	\$114	\$114	\$134
List Price w/postal chart	\$123 (CS200P)	\$123 (CS2000P)	\$147 (CS5000P)

HAND-HELD

Convenient, compact weighing in the palm of your hand

- ✓ **Backlit display for easy viewing in low light**
- ✓ **g, oz, dwt, ozt***
- ✓ **Protective snap-on cover**

Small enough to fit in your pocket, this electronic scale is great for your prep work and field experiments. Why carry bulky equipment when you can easily take our hand-helds with you?

*oz, ozt, and dwt only available in models HH120 and HH320

Item #	HH120D	HH120	HH320
Capacity × Readability (g)	0-60 × 0.1 60-120 × 0.2	120 × 0.1	320 × 0.1
Linearity (g)	0-60 : ±0.1 60-120 : ±0.2	±0.1	±0.2
Pan Size (in/cm)	3.25 × 3.0 / 8.3 × 7.6		
Dimensions (W×H×D) (in/cm)	5.35 × 3.25 × 0.8 / 13.6 × 8.3 × 2.0		
Span Mass (g)	100	100	200
Mass Item # (optional)	51015-16	51015-16	51025-16
List Price	\$118	\$142	\$176

CL SERIES

Simple weighing at an affordable price

- ✓ **Load cell lock protects scales when transported or stacked for storage**
- ✓ **g, ozt, lb:oz, dwt**
- ✓ **Auto shut-off**

The OHAUS CL is a portable scale for basic weighing in grams. Two easy-to-use buttons let you start weighing right out of the box. Use it in the office, lab or carry it with you anywhere.

Item #	CL201	CL2000	CL5000	CL5000F
Capacity × Readability (g)	200 × 0.1	2000 × 1	5000 × 1	5000 × 1
Linearity (g)	±0.1	±1	±1	±1
Pan Size (in/cm)	4.75/12 Diameter			
Dimensions (W×H×D) (in/cm)	5.5 × 1.6 × 7.9 / 14 × 4 × 20			
Span Mass (g)	100	100	200	
Mass Item # (optional)	51015-16	51015-16	51025-16	
List Price	\$74	\$74	\$100	\$144



TRIPLE BEAM

The standard for over 75 years

- ✓ Three notched and tiered beams with center reading
- ✓ Four weighing platforms to choose from
- ✓ Spring loaded zero adjust compensator

Whether you're weighing solids, liquids, powders or even animals, the OHAUS Triple Beam balance can handle the job. The 700/1600 Series provides the convenience of a toploading balance with the durability and versatility to accommodate a range of lab applications. Some models have a tare beam to allow containers up to 225g to be balanced out, and a variety of weighing platforms are also available.

Model	Triple Beam						Dial-O-Gram®		
Item #	710-00	710-T0	720-S0	730-00	750-S0	760-00	1610-00	1650-00	1650-W0
Capacity (g)	610						610	2610	
Readability (g)	0.1						0.1		
Calibrations:	Front Beam	10g × 0.1g					225g tare		
	Middle Beam	500g × 100g					500g × 100g		
	Rear Beam	100g × 10g					100g × 10g		
	Dial	—					10g × 0.1g		
Stainless Steel Pan Size (in/cm) Platform Diameter × Depth	6 × 0.8 / 15.2 × 1.9		—				6 × 0.8 / 15.2 × 1.9	—	
Stainless Steel Scoop L × W × D (in/cm)	—		12 × 6 × 2.75 / 30.5 × 15.2 × 7	—					
Animal Container Diameter × Height (in/cm)	—			9 × 6 / 22.9 × 15.2		—			
Stainless Steel Plate Platform Diameter (in/cm)	—				6 / 15.2		—	6 / 15.2	
Tare Range (g)	—	225	—			225	225		
List Price	\$197	\$242	\$271	\$292	\$147	\$205	\$288	\$251	\$288



Stainless steel scoop
(model 720-S0)



Animal weighing container
(model 730-00)

Triple Beam Accessories		
OHAUS #	Description	Price
703-00	Polypropylene Scoop, 12 x 6 x 2.75 in / 30.5 x 15.2 x 7cm	\$29
703-S0	Stainless Steel Scoop, 12 x 6 x 2.75 in / 30.5 x 15.2 x 7cm	\$70
704-00	Polypropylene Maxi-Scoop, 10 " dia. x 2.5" deep pouring spout, weight 142g & 42g counterweight	\$31
706-00	Vinyl Dust Cover	\$20
183-00	Rod and Clamp Assembly	\$39



TRIPLE BEAM PRO™

- ✓ Ergonomically designed easy-grip carrying handle
- ✓ Two notched and tiered beams to provide ease in reading
- ✓ Magnetic damping reduces oscillation to speed up weighing

Accurate, dependable and stylish; the new OHAUS Triple Pro™ Balance offers it all, the superior quality and durability you've come to expect from OHAUS plus all the extras to satisfy every laboratory activity requiring a balance.

INCREDIBLE 10 YEAR WARRANTY!

Triple Pro Accessories		
Security Device for Loop	Item # 76288-01	\$52
Security Device	Item # 470004-010	\$127
Rod and Clamp Assembly	Item # 183-00	\$39

Item #	TP2611
Capacity	2610g (when using the attachment weight set-included)
Readability	0.1g
Calibrations: Front Beam Middle Beam Rear Beam	10g x 0.1g 500g x 100g 100g x 10g
Stainless Steel Plate Platform Diameter	5.8" x 5.8"
Tare Range	—
List Price	\$163



HARVARD TRIP

Solid construction & classic performance

- ✓ **Highly versatile and rugged**
- ✓ **Two-pan design ideal for comparative weighing**
- ✓ **Built-in sliding masses**

With a two-pan design based on the classic Roberval balance principle, OHAUS Harvard Trip balances feature the additional advantages of magnetic damping, beams with sliding weights and a variety of weighing platforms. Commonly used for comparative weighing to determine the difference in mass between two objects, rather than their absolute value, these balances come equipped with built-in sliding masses. Harvard Trip balances are known for their accuracy and durability—constructed and precision-engineered for years of maintenance-free laboratory use.



Item #	1450-SD	1550-SD	1560-SD
Capacity (g)	2000		
Readability (g)	0.1		
Calibrations: (g)	10 × 0.1	10 × 0.1 200 × 10	
Top Beam			
Bottom Beam			
Stainless Steel Plate (in/cm)	6 / 15.2 Diameter		
Tare Range	—	—	225g
List Price	\$259	\$278	\$290

Harvard Trip Accessories

OHAUS#	Description	Price
107-00	Polypropylene Maxi-Scoop, 10" diameter × 2.5" Deep / 25.4 Diameter × 6.4cm Deep (with pouring spout) and counterweight	\$33
106-00	Vinyl Dust Cover	\$20
183-00	Rod and Clamp Assembly	\$39

CONTACT OHAUS FOR OUR COMPLETE LINE OF INDUSTRIAL PRODUCTS!



INDUSTRIAL SCALES

Built for production and quality control applications

- ✓ **Many products carry approvals/certifications: NSF, USDA-AMS, NTEP, OIML, Measurement Canada**
- ✓ **ISO 9001:2008 registered quality management system**
- ✓ **Legal-for-trade versions available**

OHAUS offers a range of industrial products to fit your company's industrial weighing needs. From floor scales to handheld scales, high capacity to high resolution, in portable or stationary configurations, OHAUS scales and balances provide the solution to your measurement requirements.



VISIT OHAUS.COM

For More of the Information You Need!



- ✓ Easy-to-navigate design
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OHAUS Corporation
7 Campus Drive
Suite 310
Parsippany, NJ 07054 USA
Tel: 800.672.7722
973.377.9000
Fax: 973.944.7177
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when finished