



2014 Laboratory Products

High Performance Balances & Scales



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Ingeniously Practical

ISO 9001:2008 Registered Quality Management System



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Application Selector

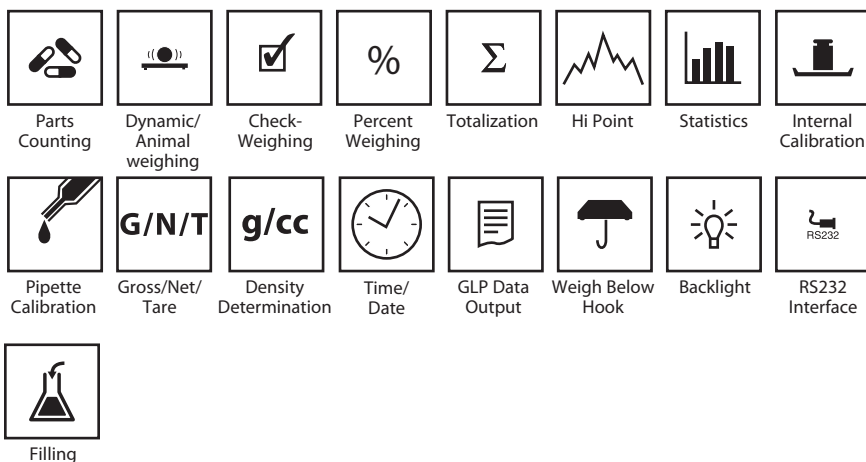
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Analytical

Discovery

The Professional's Choice for Analytical Applications

- Metal base and top housing, stainless steel pan and glass draftshield doors with sliding top door
- 2-Line Liquid Crystal Display (LCD) with backlight
- SmarText Software guides users through application use and balance set up with advanced dual mass AutoCal™
- Repeatability and linearity performance that is 2x better than most semi-micro balances in its class

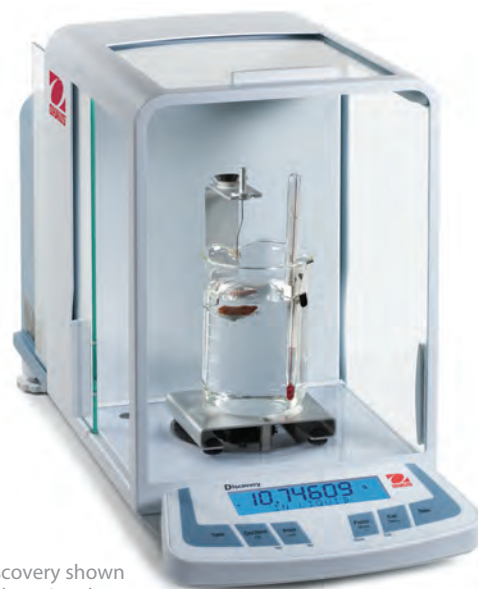


Model	DV114C	DV214C	DV314C	DV215CD
Capacity (g)	110	210	310	81* / 210
Readability (mg)	0.1			0.01* / 0.1
Repeatability (Std. Dev.) (mg)	0.1		0.2	0.02* / 0.1
Linearity (mg)	±0.2		±0.5	±0.08* / 0.2
Pan Size (in/cm)	Ø 3.5 / Ø 9			
Dimensions (W×H×D) (in/cm)	7.9 × 11.8 × 18 / 20 × 30 × 45.7			

*DualRange™



Advanced dual mass AutoCal™



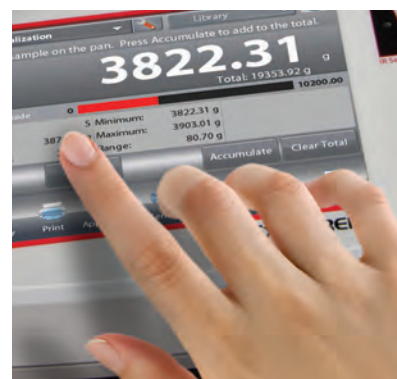
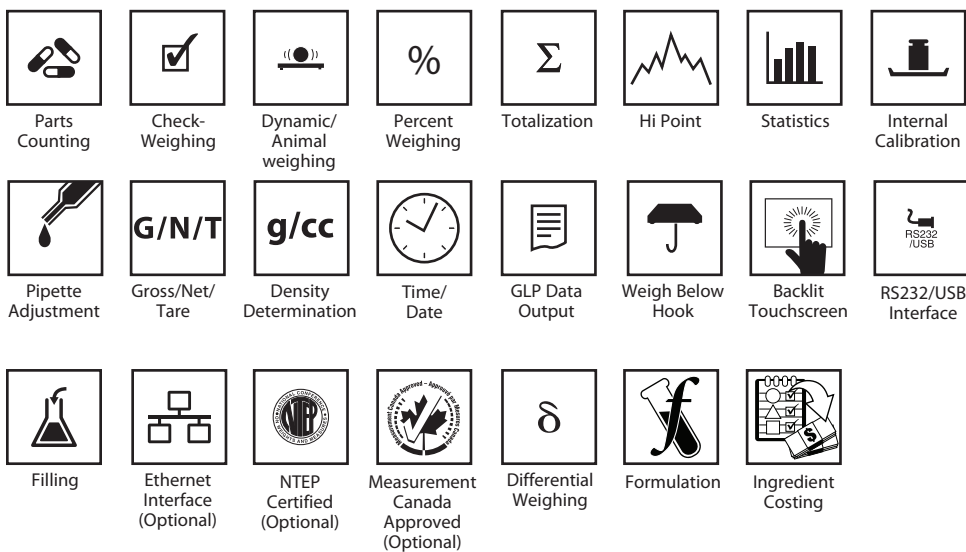
Discovery shown with optional density determination kit.

Analytical

Explorer®

The Industry's Most Easy-to-Use Balance

- Metal base, ABS top housing, stainless steel pan and glass draftshield with flip-top/sliding top door and optional Auto-Door feature for side draftshield doors
- Full-color VGA graphic display (5.7 in /14.cm diagonal) with 4-wire resistive touch screen and modular design that can be separated from weighing base for increased flexibility
- SmarText™ 2.0 software with virtual QWERTY keyboard and numeric keypad to quickly input GLP/GMP data and other application data. Enhanced vibration filtering for better balance stability, as well as AutoCal™ automatic internal calibration to improve accuracy
- 4 programmable touchless sensors, icon-driven application software and weighing chamber light for increased 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.

Model	EX124	EX224	EX324
Automatic Door	EX124/AD	EX224/AD	EX324/AD
Certified Models	EX124N/AD	EX224N EX224N/AD	EX324N EX324N/AD
Capacity (g)	120	220	320
Readability (mg)	0.1		
Certified Readability* (g)	0.001		
Class*	I		
Repeatability std (g)	±0.0001		
Linearity (g)	±0.0002		
PanSize (in/cm)	Ø 3.5 / Ø 90		
Display Housing (W×H×D) (in/cm)	7.7 × 3.5 × 6.0 / 19.5 × 9 × 15.4		
Base Housing (W×H×D) (in/cm)	9.1 × 13.8 × 15.5 / 23 × 35 × 39.3		

*Certified models only.



New touchless autodoor feature increases efficiency and reduces workplace contamination.



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.



Shown with SF40A impact printers.
See page 17 for details.

Analytical

Adventurer® Pro

The Most Complete Balance in Its Class

- Metal base with ABS shell, ABS top housing, stainless steel pan and a frameless glass draftshield with flip top door for easy access to weighing chamber and makes it easy to clean
- 2-Line Liquid Crystal Display (LCD) with backlight
- SmarText™ software utilizes text prompts to guide users through application use and balance set up
- User selectable environmental settings, stability indicator, and QuadraStance™ design with four feet that provide weighing stability no matter what surface you are working on



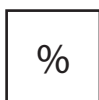
Parts Counting



Dynamic/
Animal
weighing



Check-weighing



Percent Weighing



Totalization



Display Hold



Time/
Date



Backlight



Weigh
Below
Hook



Internal
Calibration
(Optional)



RS232/USB
(2nd
Interface
Optional)



NTEP
Certified
(Optional)



GLP Data
Output

Model w/ InCal™	AV64C	AV114C	AV264C
Model w/o InCal	AV64	AV114	AV264
Certified Model	AV64CN	AV114CN	AV264CN
Capacity (g)	65	110	260
Readability (mg)	0.1		
Certified Readability* (g)	0.001		
Class*	I		
Linearity (mg)	± 0.2		± 0.3
Pan Size (in/cm)	Ø 3.5 / Ø 9		
Dimensions (WxHxD) (in/cm)	8.7 × 10.8 × 11.8 / 22 × 27.5 × 30		

*Certified models only.



Hinged top and
sliding side doors
allow easy access



Removable front, side and back
glass panels



2-line LCD display with SmarText software.

Analytical

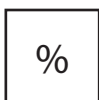
Pioneer®

The Best Balance For Basic Laboratory Weighing

- Metal base with ABS top housing, stainless steel pan and a glass draftshield with three sliding doors including top door that are easy to remove for cleaning or storage and a fixed integral weigh below hook
- Liquid Crystal Display (LCD)
- Includes user selectable span calibration points, software reset menu, stability indicator, Auto Tare, user selectable communications settings, user selectable printing options, up front level indicator, menu and calibration locks for improved compliance.
- Selectable environmental settings and three filter modes in order to ensure accurate operation in a variety of settings



Parts Counting

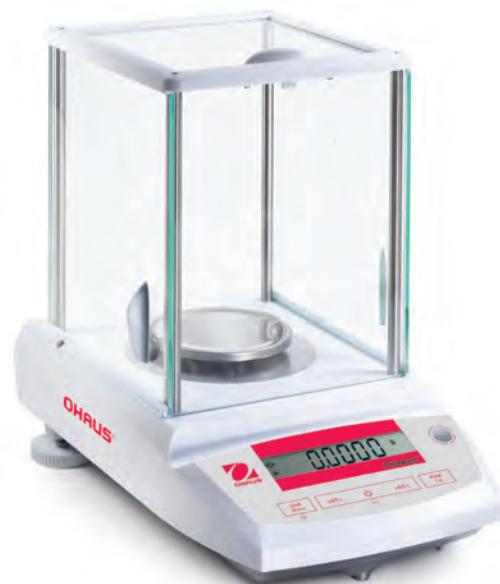


Percent Weighing



Weigh Below Hook

Model	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)	Ø 3.54 / Ø 9		
Dimensions (W×H×D) (in/cm)	7.7 × 11.3 × 12.6 / 19.6 × 28.7 × 32		



Selectable environmental settings for working in practically any condition



RS232 interface for data connectivity



Built-in security bracket



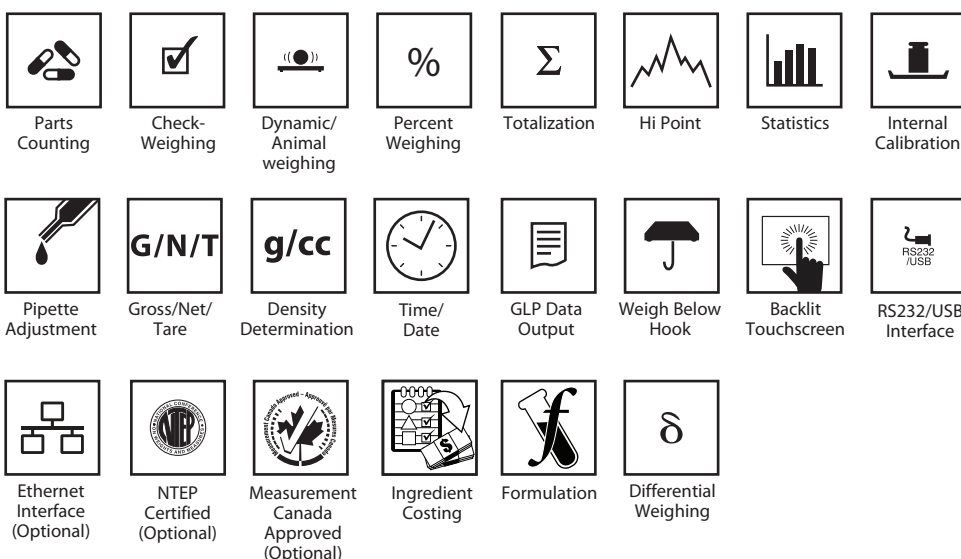
Removable doors for easy access and cleaning

Precision

Explorer®

The Industry's Most Easy-to-Use Balance

- Metal base, ABS top housing, stainless steel pan and a glass draftshield with flip-top on 1mg models
- Full-color VGA graphic display (5.7 in /14.cm diagonal) with 4-wire resistive touch screen and modular design that can be separated from weighing base for increased flexibility
- SmarText™ 2.0 software with virtual QWERTY keyboard and numeric keypad to quickly input GLP and GMP data and other application data. Enhanced vibration filtering for better balance stability, with AutoCal™ automatic internal calibration to improve accuracy as well as external calibration for a more traditional approach
- 4 programmable touchless sensors and icon-driven application software for increased efficiency



Draftshield accessory available

Model	EX223**	EX423**	EX623**	EX1103**	EX2202	EX4202	EX6202	EX10202	EX6201	EX10201
External Calibration	EX223/E	EX423/E	—	—	EX2202/E	EX4202/E	EX6202/E	—	EX6201/E	—
Certified Models	—	EX423N	—	EX1103N	—	EX4202N	—	EX10202N	—	EX10201N
Capacity (g)	220	420	620	1100	2200	4200	6200	10200	6200	10200
Readability (g)	0.001				0.01				0.1	
Certified Readability* (g)	—	0.01	—	0.01	—	0.1	—	0.1	—	0.1
Class*	—	II	—	I	—	II	—	I	—	I
Repeatability std (g)	±0.001				±0.01				±0.1	
Linearity (g)	±0.002				±0.02				±0.1	
PanSize (in/cm)	Ø5.1 / Ø 13				7.5 × 7.9 / 19 × 20					
Display Housing (W×H×D) (in/cm)	7.7 × 3.5 × 6.0 / 19.5 × 9 × 15.4									
Base Housing (W×H×D) (in/cm)	9.1 × 13.8 × 15.5 / 23 × 35 × 39.3				9.1 × 3.9 × 15.5 / 23 × 9.8 × 39.3					

*Certified models only

**Includes draftshield



Adjustable viewing angle display



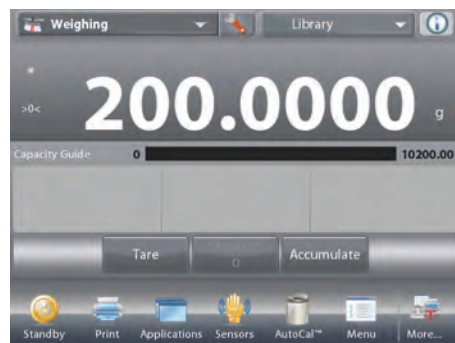
Resistive touch screen display quickly responds to operator's touch



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



Tower mount accessory available



High resolution, 5.7" color TFT display



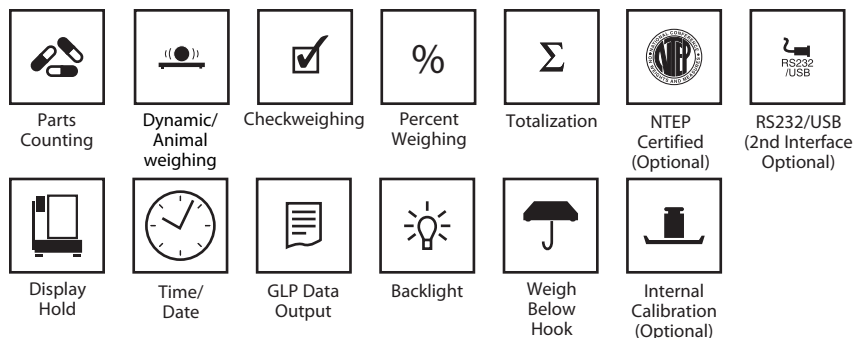
QWERTY and numeric key pads to quickly input GLP and GMP data

Precision

Adventurer® Pro

The Most Complete Balance in Its Class

- Metal base, ABS top housing, stainless steel pan, glass draftshield with sliding top door on 1mg models
- 2-Line Liquid Crystal Display (LCD) with backlight
- SmarText™ software utilizes text prompts to guide users through application use and balance set up
- User selectable environmental settings, stability indicator, and QuadraStance™ design with four feet that provide weighing stability no matter what surface you are working on



1mg models include draftshield



USB option

Model w/ InCal™	—	AV213C	AV313C	—	AV212C	AV412C	—	AV812C
Model w/o InCal	AV53**	AV213	AV313	—	AV212*	AV412**	—	AV812**
Certified Models	AV53CN	AV213CN	AV313CN	AV413CN	—	—	—	—
	AV53N	AV213N	AV313N	AV413N	AV212N	AV412N	AV612N	AV812N
Capacity (g)	51	210	310	410	210	410	610	810
Readability (g)	0.001				0.01			
Certified Readability* (g)	0.02	0.01			0.1			
Class*	II				III			
Linearity	±0.002				±0.02			
Pan Size w/InCal (in/cm)	—	Ø 4.7 / Ø 12				6.6 × 7.1 / 16.8 × 18		
Pan Size w/o InCal(in/cm)	Ø 3.9 / Ø 10	Ø 4.7 / Ø 12				5.8 × 6.3 / 14.9 × 16.2		
Dimensions w/InCal (W×H×D) (in/cm)	—	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			

Model w/ InCal	AV2102C	AV3102C	—	AV2101C	AV4101C	—	AV8101C
Model w/o InCal	AV2102	AV3102	—	AV2101**	AV4101**	—	AV8101**
Certified Models	AV2102CN	AV3102CN	AV4102CN	—	—	—	—
	AV2102N	AV3102N	AV4102N	AV2101N	AV4101N	AV6101N	AV8101N
Capacity (g)	2100	3100	4100	2100	4100	6100	8100
Readability (g)	0.01			0.1			
Certified Readability* (g)	0.01			1			
Class*	II			III			
Linearity	±0.02			±0.2			
Pan Size w/InCal (in/cm)	6.6 × 7.1 / 16.8 × 18			6.6 × 7.1 / 16.8 × 18			
Pan Size w/o InCal(in/cm)	6.6 × 7.1 / 16.8 × 18			5.8 × 6.3 / 14.9 × 16.2			
Dimensions w/InCal (W×H×D) (in/cm)	8.7 × 3.3 × 11.8 / 22 × 8.5 × 30			8.7 × 3.3 × 11.8 / 22 × 8.5 × 30			
Dimensions w/o InCal (W×H×D) (in/cm)	8.7 × 3.3 × 11.8 / 22 × 8.5 × 30			7.6 × 2.8 × 10 / 19.3 × 7.2 × 25.4			

*Certified models only.
**Battery power capability

Precision

Pioneer®

The Best Balance For Basic Laboratory Weighing

- Metal base with ABS top housing, stainless steel pan, glass draftshield with three sliding doors including top door with 1 mg models that are easy to remove for cleaning or storage and a fixed integral weigh below hook
- Liquid Crystal Display (LCD)
- Includes user selectable span calibration points, software reset menu, stability indicator, Auto Tare, user selectable communications settings, user selectable printing options, up front level indicator, menu and calibration locks for improved compliance
- Selectable environmental settings and three filter modes in order to ensure accurate operation in a variety of settings



1mg models include draftshield.



Parts Counting

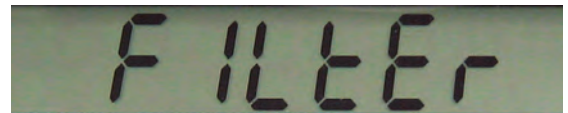


Percent Weighing



Weigh Below Hook

Model	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)	Ø 4.72 / Ø 12		Ø 7.1 / Ø 18			
Dimensions (in/cm)	7.7 × 11.3 × 12.6 / 19.6 × 28.7 × 32					



Selectable environmental settings for working in practically any condition



Built-in security bracket






















RS232 interface for data connectivity

High Capacity

Explorer®

The Industry's Most Easy-to-Use Balance

- Die-cast metal base with 2-D protection that prevents shock and damage associated with movement and forces applied to the balance. IP54 base enclosure protects the weighing base from damage by debris, humidity and accidental spills and splashes. Includes a large stainless steel pan built to withstand rugged every day use
- Full-color VGA graphic display (5.7 in / 14.6 cm diagonal) with 4-wire resistive touch screen and modular design that can be separated from weighing base for increased flexibility
- SmarText™ 2.0 software with virtual QWERTY keyboard and numeric keypad to quickly input GLP and GMP data and other application data. Enhanced vibration filtering for better balance stability, as well as AutoCal™ automatic internal calibration to improve accuracy
- 2 programmable touchless sensors, icon-driven application software for increased efficiency with Weigh-below hook included

						
Parts Counting	Dynamic/Animal weighing	Check-weighing	Percent Weighing	Differential Weighing	Filling	RS232/USB Interface
						
Gross/Net/Tare	Time/Date	GLP Data Output	Backlight	Weigh Below Hook	Internal Calibration	Totalization
						
Ingredient Costing	Formulation	SQC	Density Determination	Peak Hold		

Model w/ AutoCal	EX12001	EX24001	EX35001
Capacity (g)	12,000	24,000	35,000
Readability (g)	0.1		
Linearity (g)	±0.2		
Pan Size (in/cm)	14.8 × 12.2 / 37.7 × 31.1		
Dimensions (W×H×D) (in/cm)	14.84 × 4.7 × 17.4 / 37.7 × 12 × 44.3		



Shown with optional tower mount and rolling feet

Moisture Analysis

MB Series

Redefining Value in Moisture Analysis

- 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. Large 3.5in/90mm pan size for all models
- The MB45/35 utilizes a dot matrix graphic display for quick setup and use. The MB23/25 employ a bright backlit LCD display
- 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 displays %moisture, %solids, time, weight, temperature, test ID or drying curve; MB35 displays % moisture, time, weight or temperature; MB25 and MB23 display % moisture, % solids, weight (g), temperature, or time



MB 45/ MB 35



Statistics



Moisture Analysis



Multi-language



Time/Date



GLP Data Output



Backlight



RS232 Interface



MB45 Dot Matrix display



Pan Handler

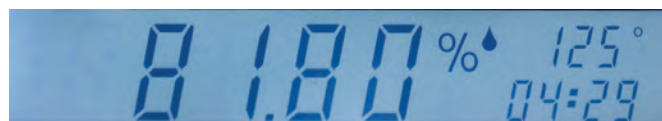
Model	MB45	MB35	MB25	MB23
Capacity (g)	45	35	110	110
Readability	0.01%/0.001g	0.02%/0.002g	0.05% / 0.005g	0.1% / 0.01g
Repeatability (g)	0.05 % (3g sample) 0.015 % (10g sample)	0.18 % (3g sample) 0.05 % (10g sample)	0.2% (3g sample) 0.05% (10g sample)	0.3% (3g sample) 0.2% (10g sample)
Pan Size (in/cm) 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 or % solids or weight (g), temperature, time	



MB25



MB23



MB25/23 Display

Portable

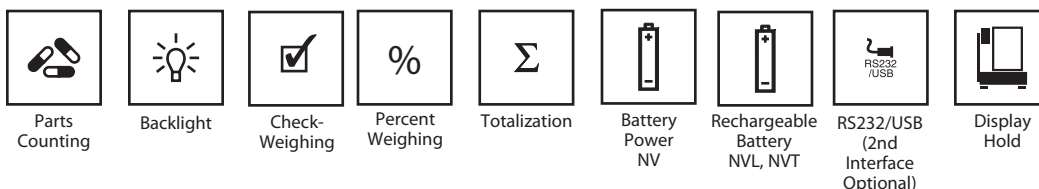
Navigator®

The Only Scale in Its Class With Touchless Sensors!

- ABS housing with stainless steel pan
- Liquid Crystal Display (LCD) with backlight
- Accurate stabilization in less than one second to provide fast and accurate weighing results, improving operator efficiency, productivity and throughput
- The Navigator Series is designed with two touchless sensors that will free up your hands so you can focus on handling samples. Superior overload protection system allows the scale to withstand loads up to 400% of its rated capacity



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



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
Pan Size (W x D) (in/cm)	Ø 4.7 / Ø 12	5.4 x 7.5 / 13.8 x 19		5.4 x 7.5 in / 13.8 x 19		
Scale Dimensions (W × D × H) (in/cm)	8 × 8.4 × 2.3 / 20.4 x 21.2 x 58					



Navigator

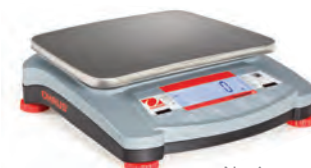
Navigator XL	NVL511/1	NVL1101/1	NVL2101/1	NVL5101/1	NVL10001/1	NVL20000/1
Capacity (g)	510	1100	2100	5100	10000	20000
Readability (g)	0.1	0.1	0.1	0.5	1	1
Linearity (g)	±0.2	±0.2	±0.2	±1	±2	±2
Pan Size (W x D) (in/cm)	7.6 x 8 / 19.4 x 20.3					
Scale Dimensions (W x D x H) (in/cm)	8 x 11.1 x 2.9 / 20.4 x 28.2 x 74					



Includes rechargeable battery!

Navigator XL

Navigator XT	NVT1601/1	NVT3201/1	NVT6401/1	NVT10001/1	NVT16000/1
Certified Models	NVT1600N/1	NVT3200N/1	NVT6400N/1	—	NVT16000N/1
Capacity (g)	1600	3200	6400	10000	16000
Readability (g)	0.1	0.2	0.5	0.5	1
Certified Readability* (g)	0.5	1	2	—	5
Class*	III				
Linearity (g)	±0.2	±0.4	±1	±1	±2
Pan Size (W x D) (in/cm)	6.9 x 9 / 23 x 17.4				
Scale Dimensions (W x D x H) (in/cm)	9.5 x 9.8 x 2.9 / 24 x 25 x 7				



Includes rechargeable battery!

Navigator XT

*Certified models only



NTEP
Certified
(Optional)



Measurement
Canada
Approved
(Optional)

Portable

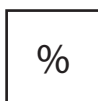
Scout® Pro

The Industries Best Portable Balance

- Compact design with ABS housing and stainless steel pan
- Liquid Crystal Display (LCD)
- Software lockswitch, stability indicator, overload and underload indicators, low battery indicator and auto shut-off
- Span calibration mass included in 200g, 400g and 600g models



Parts
Counting



Percent
Weighing



Totalization



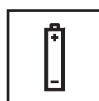
Weigh
Below Hook



Display
Hold



RS232/ USB
Interface
(Optional)



Battery
Power



Transportation lock



Internal RS232 or USB port with integrated cable.



Mechanical and software overload protection

Model	SP202US	SP402US	SP602US	SP401US	SP601US	SP2001US	SP4001US	SP6001US	SP6000US
Capacity (g)	200	400	600	400	600	2000	4000	6000	6000
Readability (g)	0.01			0.1					1
Linearity (g)	±0.01		±0.02	±0.1				±0.02	±1
Pan Size (in/cm)	Ø 4.7 / Ø 12				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								



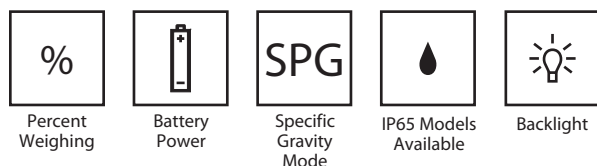
Integrated security bracket accommodates accessory security device.

Portable

Valor® 3000 Xtreme

Stainless Steel Design in a High Performance, Easy-to-Use, Portable Scale

- Rugged cast aluminum housing with stainless steel pan; stainless steel housing and stainless steel pan for easy clean up
- Liquid Crystal Display (LCD) with white LED backlight
- SmarText™ user interface guides users through application use and scale setup with 10x capacity rated overload protection
- IP65 models available, NSF Certified, USDA-AMS Accepted and supports HACCP-Certified systems



WASHDOWN

WASHDOWN

Model	V31XH202	V31XH402	V31XW301	V31X501	V31XH2	V31X3	V31XH4	V31XW3	V31XW6	V31X6
Capacity (g)	200	400	300	500	2000	3000	4000	3000	6000	6000
Readability (g)	0.01	0.01	0.1	0.1	0.1	1	0.1	0.5	1	1
Linearity (g)	±0.01		±0.2	±0.1		±1	±0.1	±1	±2	±1
Platform Size (in/cm)	Ø 4.7 / Ø 12		5.8 × 6.2 / 14.6 × 15.8	Ø 4.7 / Ø 12	5.8 × 6.2 / 14.6 × 15.8					
Dimensions (W×H×D) (in/cm)	8.5 × 7.3 × 3 / 21.8 × 18.6 × 7.7									



Sandwich Pan



Ice Cream Cone Holder



French Fries/Taco Holder



Carrying Case

Portable

Compact

The Economical Portable Scale

- ABS housing with a large weighing platform that can adequately handle large samples including oversized letters. In addition, the standard stainless steel platform is removable for easy cleaning
- Liquid Crystal Display (LCD)
- Low battery indicator, auto shut-off feature, mechanical and software overload protection, external push button calibration
- AC Adapter (included) or 3 AA batteries (included). Includes superior RF protection for use in production areas

Model	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 × 1.5 × 5.3 / 19.3 × 3.9 × 13.5		



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

Hand-Held

Convenient, Compact Weighing in the Palm of Your Hand

- ABS housing, with ABS protective cover and ABS pan small enough to fit in your pocket
- Liquid Crystal Display (LCD)
- Low battery indicator, overload and underload indicators, external push button calibration, button activated luminescent display on HH120 and HH320
- 3 AAA batteries (included) with energy-saving auto shut-off feature to conserve energy

Model	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		



Small enough to carry in your lab coat pocket!

CL Series

Simple Weighing At an Affordable Price

- Low profile and storage is made easy with a stackable design.
- Liquid Crystal Display (LCD)
- Integrated load cell lock protects the weighing cell from damage during storage or transportation
- Includes superior RF protection for use in production areas. Approvals for electrical and emissions include CE listed and FCC Class B Part 15 operation

Model	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)	Ø 4.75 / Ø 12			
Dimensions (W×H×D) (in/cm)	5.5 × 1.6 × 7.9 / 14 × 4 × 20			



**CL5000F
comes with
carrying case**

Mechanical

Triple Beam®

The Standard for Over 75 Years

- All metal base and beam design with stainless steel pan for improved longevity
- Easy-to-read deep notched and tiered beams
- Positive poise positioning for repeatable results, self-aligning beam design, magnetic damping to minimize oscillation and speed weighing
- Four weighing platforms to choose from



Model	Triple Beam						Dial-O-Gram®		
Model	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 Middle Beam Rear Beam Dial	10g × 0.1g 500g × 100g 100g × 10g —					225g tare 500g × 100g 100g × 10g 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		

Triple Beam Pro®

Best In Class Triple Beam Balance!

- All metal base and beam design with stainless steel pan for improved longevity
- Easy-to-read deep notched and tiered beams
- Positive poise positioning for repeatable results, spring loaded zero adjust compensator, magnetic damping which minimizes oscillation and speeds up weighing
- Ergonomically designed easy grip carrying handle.
- Includes rod & clamp assembly for below balance weighing necessary for specific gravity determinations and weight set with integrated storage in the balance



Model	TP2611
Capacity	2610g (when using the attachment weight set-included)
Readability	0.1g
Calibrations: Front Beam Middle Beam Rear Beam	10g × 0.1g 500g × 100g 100g × 10g
Stainless Steel Plate Platform Dia.	5.8" × 5.8"
Tare Range	—

Harvard Trip®

Two Pan Design - Ideal for Comparative Weighing

- Stainless steel plate
- Easy-to-read deep notched and tiered beams
- 2000g capacity with optional weight set. Built-in sliding masses for easy weighing, magnetic damping to minimize oscillation and speed up weighing, self-aligning beam design and floating agate bearings, counterbalancing knob for quick zeroing, hardened steel edges

Model	1450-SD	1550-SD	1560-SD
Capacity (g)	2000		
Readability (g)	0.1		
Calibrations (g): Top Beam Bottom Beam	10 × 0.1	10 × 0.1 200 × 10	
Stainless Steel Plate (in/cm)	Ø 6 / Ø 15.2		
Tare Range	—	—	225g



Printer

SF40A

OHAUS Value in a Full-Featured, Portable Printer

- Small compact design for improved workplace efficiency; Printer dimensions - 5.5 x 8.1 x 2.9in/140 x 205 x 75mm
- RS232C Connectivity
- Prints 40 characters per line, approximately 1.2 lines per second. Uses standard paper roll (2.26- 2.36in/57.55 – 60mm)
- Ambient operating temperature of 32-104°F/0-40°C



Model	SF40A
Application Modes	Totalization, Statistics (Statistics printout includes number of samples, average value, standard deviation, minimum, maximum, min-max differential, and total sample weight sum)
Power Requirements	AC adapter Input: 100 – 240 VAC, 50 - 60 Hz AC adapter output: 12 VDC, 2.5 A
Interface	32 °F – 104 °F / 0 °C – 40 °C
Net Weight	1.6 lb / 0.7 kg (Paper roll included)
Shipping Weight	1.8 lb. / 0.8 kg

Full functionality with Discovery, Adventurer® Pro, Explorer®, Navigator®, MB Series Moisture Analyzers, Trooper®, Ranger®, Valor® 7000, Defender® bench and floor scales and "T" Series indicators. Statistics and Totalization not supported on other OHAUS products with RS232.

Application Selector

Cross Reference Chart

	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/ Measurement Canada Approved		Optional		Optional			Optional				



OHAUS Corporation

Headquartered in Parsippany, NJ, OHAUS Corporation manufactures an extensive line of high-precision electronic and mechanical balances and scales that meet the weighing needs of virtually every industry. We are a global leader in the laboratory, industrial, and education channels as well as a host of specialty markets, including the food preparation, pharmacy and jewelry industries. An ISO 9001:2008 manufacturer, OHAUS creates products which are precise, reliable and affordable, and are backed by industry-leading customer support. For additional information, contact OHAUS Corporation at **1.973.377.9000**, or visit **www.ohaus.com**.



Ingeniously Practical

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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

www.ohaus.com

*With offices throughout
Europe, Asia, and
Latin America*

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Registered Quality
Management System