

# Explorer® Semi-Micro



## Built for sophisticated, professional weighing

- Intelligent performance for applications requiring extreme accuracy
- Intuitive software provides an extremely modern user experience
- Ingenious construction designed to enhance usability

- Application** Weighing, percent weighing, parts counting, check weighing, dynamic/animal weighing, filling, totalization, formulation, differential weighing, density determination, peak hold, pipette adjustment, SQC
- Display** Full-colour VGA graphic display (5.7 in. diagonal), 4-wire resistive touch screen. QWERTY keyboard and numeric keypad to quickly input GLP and GMP data and other application data
- Operation** AC Adapter (included)
- Communication** Easy access communication ports including 2 units of USB port, RS232 and an optional 4th Ethernet port, GLP/GMP data output with real time clock, data transfer function
- Construction** Metal base, ABS top housing, stainless steel pan, anti-static glass draftshield with flip-top door, replaceable in-use cover, automatic door on specific models
- Design Features** AutoCal™ fully-automatic internal adjustment system equipped with 2 internal adjustment weights, fast stabilization time, four touchless sensors, built-in ionizer with automatic door models, up to 14 operating languages, approved models available, save to USB function, menu lock switch, security bracket, integral weigh below hook for below balance weighing applications, removable stainless steel weighing platform, stability indicator, overload and underload indicators, auto standby



Semi-Micro Balances



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 71-74

Model	M APP	AUTO DOOR	IONS	Capacity	Readability (d)	(e)	Platform	Test Weight	Item N°	Price €
EX125D				52g;120g	0,01mg; 0,1mg		Ø 80 mm	100g, E2	30218998	5 030
EX125DM	•			52g;120g	0,01mg; 0,1mg	1 mg	Ø 80 mm	100g, E2	30139515	5 360
EX125				120g	0,01mg		Ø 80 mm	100g, E2	30218999	5 145
EX125M	•			120g	0,01mg	1 mg	Ø 80 mm	100g, E2	30139516	5 475
EX225D				120g;220g	0,01mg; 0,1mg		Ø 80 mm	200g, E2	30219000	5 345
EX225DM	•			120g;220g	0,01mg; 0,1mg	1 mg	Ø 80 mm	200g, E2	30139517	5 675
EX225D/AD		•	•	120g;220g	0,01mg; 0,1mg		Ø 80 mm	200g, E2	30219001	7 165
EX225DM/AD	•	•	•	120g;220g	0,01mg; 0,1mg	1 mg	Ø 80 mm	200g, E2	30139518	7 495
EX225/AD		•	•	220g	0,01mg		Ø 80 mm	200g, E2	30219002	11 525
EX225M/AD	•	•	•	220g	0,01mg	1 mg	Ø 80 mm	200g, E2	30139519	11 855

For Accessories see page 10



PIPETTE ADJUSTMENT KIT  
EX SEMI-MICRO



STATIC IONIZER, ION-100A



GRID PAN, EX SEMI-MICRO

# Pioneer™ Semi-Micro



## Combining Economy and High Performance for Essential Weighing

- Competitive Performance at an Economical Price
- Durably Constructed for Long-Term Use
- Designed for Simple, Intelligent Operation



- Application** Basic weighing, parts counting, percent weighing, animal weighing, density determination
- Operation** AC adapter (included)
- Construction** Metal base, plastic top housing, removable stainless steel pan, glass draft-shield, integrated weigh-below-hook, security bracket, calibration lock and in-use cover
- Display** Backlit Liquid Crystal Display (LCD); Second line display for additional information or guidance (dot matrix)
- Communication** RS232 and USB device (included); GLP/GMP data output with real-time clock
- Design Features** User-selectable environmental filters and brightness settings, auto-tare, auto-dim, user-selectable span calibration points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, software overload/underload indicator, stability indicator, four operating languages

Model	M APP	CAL INT	Capacity	Readability (d)	(e)	Platform	Test Weight	Item N°	Price €
PX125D		•	52g/120g	0,01mg/0,1mg		Ø 80mm	100g, E2	30478196	2 520
PX125DM	•	•	52g/120g	0,01mg/0,1mg	1mg	Ø 80mm	100g, E2	30480168	2 710
PX85		•	82g	0,01mg		Ø 80mm	50g+20g, E2	30485340	2 610
PX85M	•	•	82g	0,01mg	1mg	Ø 80mm	50g+20g, E2	30485341	2 800
PX225D		•	82g/220g	0,01mg/0,1mg		Ø 80mm	200g, E2	30478197	2 710
PX225DM	•	•	82g/220g	0,01mg/0,1mg	1mg	Ø 80mm	200g, E2	30480169	2 900

## Accessories for Explorer® and Pioneer™ Semi-Micro

Accessories	Explorer	Pioneer	Item N°	Price €
Density determination kit	•	•	80253384	488
Sinker Glass for Density kit	•	•	83034024	258
Auxiliary display, AD7-RS		•	30472064	75
ION-100A EU standalone ionizer	•	•	30095929	1 048
Grid pan	•		30298582	143
Pipette adjustment kit	•		30252145	889
Ethernet interface	•		83021082	100
Cable, USB-RS232 Converter	•	•	30268619	67
Cable, USB A to Mini USB, 1.8m Black	•		28120263	16
In-Use Cover	•		83033633	23
In-Use Cover		•	30372546	21
Dust Cover	•		30093334	29
Anti theft device Navigator	•	•	80850000	50
Terminal extension cable 3m	•		83021083	16
Terminal extension cable 9m	•		30078078	22
SF40A Full-Featured Impact	•	•	30064202	522

# Explorer® Analytical



Highest performance, most technically advanced balance from OHAUS available also with auto door feature

- High resolution multi-lingual colour VGA touch display with icons for simple operation
- Programmable multi-functional touch-free sensors for cleanliness, speed and safety
- Multiple application modes plus library for storage of personal application settings

- Application** Weighing (17 units + custom units), parts counting, percentage weighing, animal/dynamic weighing, check weighing, filling, totalization, formulation, differential weighing, density determination, peak hold, ingredient costing, pipette adjustment, gross/net/tare weighing
- Display** High resolution 5.7" (145mm diagonal) full colour VGA touch display including QWERTY and numeric key pads plus weighing capacity indication
- Operation** Mains Operation
- Communication** Easy access communication ports including 2 units of USB port, RS232 and an optional 4th Ethernet port, GLP and GMP including date and time, Direct Data Transfer, print to USB drive
- Construction** Metal base, ABS top housing, stainless steel pan, glass draftshield with flip-top, replaceable in-use cover
- Design Features** 3-door frameless draftshield with removable panels with optional automatic draftshield door, modular display design with adjustable viewing angle (attach to base, wall or optional tower), AutoCal™ automatic internal Adjustment, level assist feature with illuminated level indicator, selectable environmental and auto-print settings, integral weigh below hook, protective in-use cover, software lock switch



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 71-74

Analytical Balances

Model	M APP	AUTO DOOR	Capacity	Readability (d)	(e)	Platform	Test Weight	Item N°	Price €
EX124			120 g	0.1 mg		Ø 90 mm	100 g, E2	83021331	3 225
EX124/AD		•	120 g	0.1 mg		Ø 90 mm	100 g, E2	30061976	4 075
EX224			220 g	0.1 mg		Ø 90 mm	200 g, E2	83021332	3 625
EX224/AD		•	220 g	0.1 mg		Ø 90 mm	200 g, E2	30061977	4 475
EX224M	•		220 g	0.1 mg	1 mg	Ø 90 mm	200 g, E2	83021333	3 875
EX224M/AD	•	•	220 g	0.1 mg	1 mg	Ø 90 mm	200 g, E2	30061995	4 725
EX324			320 g	0.1 mg		Ø 90 mm	300 g, E2	83021335	4 135
EX324/AD		•	320 g	0.1 mg		Ø 90 mm	300 g, E2	30061978	4 985
EX324M	•		320 g	0.1 mg	1 mg	Ø 90 mm	300 g, E2	83021336	4 385
EX324M/AD	•	•	320 g	0.1 mg	1 mg	Ø 90 mm	300 g, E2	30061996	5 235

For Accessories see page 14

# Adventurer<sup>®</sup> Analytical



Ready for your lab, wherever that may be

- Fast stabilization and reliable operation for accurate, repeatable results
- Wide viewing angle colour touchscreen and dual USB ports with GLP/GMP tracking for better monitoring and reporting of data
- The two piece, top-mounted draftshield doors reduce the space needed in the rear of the balance when open



**Application** Weighing (17 units + custom unit), parts counting, percentage weighing, check weighing, animal/dynamic weighing, totalization/statistics, formulation, density determination, display hold

**Display** 4.3" (109 mm) Full-colour VGA graphic touchscreen with user-controlled brightness, 6 mechanical buttons

**Operation** Mains operation

**Communication** RS232, USB Host, USB Device (included), GLP/GMP compliant data output with real-time clock

**Construction** Metal base, ABS top housing, stainless steel pan, glass draftshield with two piece top mounted side doors and sliding top door, illuminated up-front level indicator, integral weigh below hook, security bracket, adjustment lock, full housing in-use cover

**Design Features** Selectable environmental filters, auto tare, user-selectable span adjustment points, software lockout and reset menu, user-selectable communication settings and data print options, user definable project and user IDs, up to 9 operating languages



Model	M APP	CAL INT	Capacity	Readability (d)	(e)	Platform	Test Weight	Item N°	Price €
AX124		•	120g	0.1 mg		Ø 90 mm	100g, E2	30122610	2 085
AX124M	•	•	120g	0.1 mg	1 mg	Ø 90 mm	100g, E2	30100620	2 305
AX124/E			120g	0.1 mg		Ø 90 mm	100g, E2	30122657	1 825
AX224		•	220g	0.1 mg		Ø 90 mm	200g, E2	30122611	2 185
AX224M	•	•	220g	0.1 mg	1 mg	Ø 90 mm	200g, E2	30100621	2 405
AX224/E			220g	0.1 mg		Ø 90 mm	200g, E2	30122612	1 925
AX324		•	320g	0.1 mg		Ø 90 mm	200g+100g, E2	30122613	2 310
AX324M	•	•	320g	0.1 mg	1 mg	Ø 90 mm	200g+100g, E2	30100622	2 530

For Accessories see page 14



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 71-74

Analytical Balances

# Pioneer™ Analytical



## Combining Economy and High Performance for Essential Weighing

- Competitive Performance at an Economical Price
- Durably Constructed for Long-Term Use
- Designed for Simple, Intelligent Operation

- Application** Basic weighing, parts counting, percent weighing, animal weighing, density determination
- Operation** AC adapter (included)
- Construction** Metal base, plastic top housing, removable stainless steel pan, glass draft-shield, integrated weigh-below-hook, security bracket, calibration lock and in-use cover
- Display** Backlit Liquid Crystal Display (LCD); second line display for additional information or guidance (dot matrix)
- Communication** RS232 and USB device (included); GLP/GMP data output with real-time clock
- Design Features** User-selectable environmental filters and brightness settings, auto-tare, auto-dim, user-selectable span calibration points, software lockout and reset menu, userselectable communication settings and data print options, user-definable project and user IDs, software overload/underload indicator, stability indicator, four operating languages



Analytical Balances

Model	M APP	CAL INT	Capacity	Readability (d)	(e)	Platform	Test Weight	Item N°	Price €
PX124/E			120g	0,1mg		Ø 90mm	100g, E2	30429810	1 125
PX124		•	120g	0,1mg		Ø 90mm	100g, E2	30429803	1 320
PX124M	•	•	120g	0,1mg	1mg	Ø 90mm	100g, E2	30430010	1 475
PX224/E			220g	0,1mg		Ø 90mm	200g, E2	30429811	1 230
PX224		•	220g	0,1mg		Ø 90mm	200g, E2	30429804	1 425
PX224M	•	•	220g	0,1mg	1mg	Ø 90mm	200g, E2	30430013	1 580



For Accessories see page 14


# PR Series Analytical

## Designed for Routine Weighing Applications in Your Workplace

- Basic Functionality for Routine Weighing Applications
- Designed for Uncomplicated Operation with Easy-to-Use Display and Interface
- Smart Design and Durable Construction



- Application:** Basic weighing, parts counting, percent weighing
- Display:** Backlit Liquid Crystal Display (LCD)
- Operation:** AC adapter (included)
- Communication:** RS232 (one port included)
- Construction:** ABS top housing, removable stainless steel pan, glass draft-shield with sliding top door, integrated weigh-below-hook, security bracket, calibration lock
- Design features:** User-selectable environmental filters and brightness settings, auto-tare, auto-dim, user-selectable span calibration points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, software overload/underload indicator, stability indicator

Model		Capacity	Readability (d)	Platform Ø	Test weight	Item N°	Price €
PR124/E		120g	0,1mg	90mm	100g, E2	30430068	950
PR124	•	120g	0,1mg	90mm	100g, E2	30430067	1 105
PR224/E		220g	0,1mg	90mm	200g, E2	30430070	1 040
PR224	•	220g	0,1mg	90mm	200g, E2	30430069	1 195

## Accessories for Explorer®, Adventurer®, Pioneer™ and PR Series Analytical

Accessories	Explorer	Adventurer	Pioneer	PR Series	Item N°	Price €
Density determination	•	•	•	•	80253384	488
Sinker Glass for Density kit	•	•	•	•	83034024	258
ION-100A EU standalone ionizer	•	•	•	•	30095929	1 048
Auxiliary display, AD7-RS		•	•	•	30472064	75
AX full housing in use cover for 0.1mg and 1mg model		•			30111792	24
Cover, in-use	•				83033633	23
In-Use Cover			•		30372546	21
In-Use Cover				•	30372547	21
Dust Cover	•	•			30093334	29
Ethernet interface	•				83021082	100
Anti theft device	•	•	•	•	80850000	50
Cable, USB A to Mini USB, 1.8m Black	•				28120263	16
Interface Cable, USB (Type A to B)		•			83021085	16
Cable, USB-RS232 Converter	•	•	•	•	30268619	67
Cable, RS422, Extension, 3m	•				83021083	16
Cable, RS422, Extension, 9m	•				30078078	22
SF40A Full-Featured Impact Printer	•	•	•	•	30064202	522

\* for other accessories, cables and consumables please refer to page 73-75

# Explorer® Precision



## Intelligent Performance No Matter How Difficult the Task!

- A large colour touchscreen gives access to the advanced application modes and icon-driven application software features such as user manager, library, and minimum weight indication.
- Explorer features fast stabilization times, optimized linearity and repeatability specifications, enhanced vibration filtering and the choice of traditional Adjustment or AutoCal™ models.
- Explorer's sturdy modular design includes metal housing and a display that can be separated from the weighing base and tower or wall-mounted for easy viewing in any workspace.

### Application

Weighing (17 units + custom units), parts counting, percentage weighing, animal/dynamic weighing, check weighing, filling, totalization, formulation, differential weighing, density determination, peak hold, ingredient costing, pipette adjustment (except for Explorer High Capacity), gross/net/tare weighing

### Display

High resolution 5.7" (145mm diagonal) full colour VGA touch display including QWERTY and numeric key pads plus weighing capacity indication

### Operation

Mains Operation or rechargeable battery (High Capacity models only)

### Communication

Easy access communication ports (2xUSB, RS232) plus 4th communication port slot (Ethernet or 2nd RS232). GLP and GMP including date and time, Direct Data Transfer, print to USB drive

### Construction

Modular design, metal base, ABS top housing, stainless steel pan, glass draft-shield with top mounted side doors and flip/sliding top door (1 mg models only), illuminated up-front level indicator, integral weigh below hook, security bracket, Adjustment lock, four touchless sensors, full housing in-use cover

### Design Features

Selectable environmental filters, auto tare, user-selectable span Adjustment points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, auto standby, up to 14 operating language



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 71-74



High Capacity

Model	M APP	CAL INT	Capacity	Readability (d)	(e)	Platform	Test Weight	Item N°	Price €
EX223		•	220 g	1 mg		Ø 130mm	200 g, F1	83021341	2 345
EX223/E			220 g	1 mg		Ø 130mm	200 g, F1	30061979	2 060
EX423		•	420 g	1 mg		Ø 130mm	400 g, F1	83021342	3 015
EX423/E			420 g	1 mg		Ø 130mm	400 g, F1	30061980	2 730
EX423M	•	•	420 g	1 mg	0.01 g	Ø 130mm	400 g, F1	83021343	3 235
EX623		•	620 g	1 mg		Ø 130mm	500 g, F1	83021348	3 515
EX1103		•	1100 g	1 mg		Ø 130mm	1000 g, F1	83021350	4 405
EX1103M	•	•	1100 g	1 mg	0.01 g	Ø 130mm	1000 g, F1	83021351	4 625
EX2202		•	2200 g	0.01 g		190 x 200 mm	2000 g, F1	83021356	2 320
EX2202/E			2200 g	0.01 g		190 x 200 mm	2000 g, F1	30061981	2 035
EX4202		•	4200 g	0.01 g		190 x 200 mm	4000 g, F1	83021357	2 985
EX4202/E			4200 g	0.01 g		190 x 200 mm	4000 g, F1	30061982	2 700
EX4202M	•	•	4200 g	0.01 g	0.1 g	190 x 200 mm	4000 g, F1	83021358	3 205
EX6202		•	6200 g	0.01 g		190 x 200 mm	5000 g, F1	83021360	3 515
EX6202/E			6200 g	0.01 g		190 x 200 mm	5000 g, F1	30061983	3 230
EX10202		•	10200 g	0.01 g		190 x 200 mm	10000 g, F1	83021362	4 115
EX10202M	•	•	10200 g	0.01 g	0.1 g	190 x 200 mm	10000 g, F1	83021363	4 335
EX6201		•	6200 g	0.1 g		190 x 200 mm	5000 g, F1	83021361	2 220
EX6201/E			6200 g	0.1 g		190 x 200 mm	5000 g, F1	30061984	1 935
EX10201		•	10200 g	0.1 g		190 x 200 mm	10000 g, F1	83021365	2 725
EX10201M	•	•	10200 g	0.1 g	0.1 g	190 x 200 mm	10000 g, F1	83021366	2 945
EX12001		•	12000 g	0.1 g		377 mm x 311 mm	10kg, F1	30078072	3 345
EX12001M	•	•	12000 g	0.1 g	1 g	377 mm x 311 mm	10kg, F1	30057067	3 565
EX24001		•	24000 g	0.1 g		377 mm x 311 mm	20kg, F1	30078073	3 805
EX24001M	•	•	24000 g	0.1 g	1 g	377 mm x 311 mm	20kg, F1	30057068	4 025
EX35001		•	35000 g	0.1 g		377 mm x 311 mm	10+20kg, F1	30078074	4 605
EX35001M	•	•	35000 g	0.1 g	1 g	377 mm x 311 mm	10+20kg, F1	30057069	4 825

For Acc

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# Adventurer® Precision



Ready for your lab, wherever that may be

- Fast stabilization and reliable operation for accurate, repeatable results
- Wide viewing angle colour touchscreen and dual USB ports with GLP/GMP tracking for better monitoring and reporting of data
- The two piece, top-mounted draftshield doors reduce the space needed in the rear of the balance when open

**Application** Weighing (17 units + custom unit), parts counting, percentage weighing, check weighing, animal/dynamic weighing, totalization/statistics, formulation, density determination, display hold

**Display** 4.3" (109 mm) full-colour VGA graphic touchscreen with user-controlled brightness, 6 mechanical buttons

**Operation** Mains operation

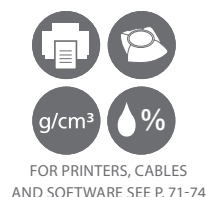
**Communication** RS232, USB host, USB device (included), GLP/GMP compliant data output with real-time clock

**Construction** Metal base, ABS top housing, stainless steel pan, glass draftshield with two piece top mounted side doors and sliding top door (1 mg models only), illuminated up-front level indicator, integral weigh below hook, security bracket, Adjustment lock, full housing in-use cover

**Design Features** Selectable environmental filters, auto tare, user-selectable span adjustment points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, up to 9 operating languages



Model	M APP	CAL INT	Capacity	Readability (d)	(e)	Platform	Test Weight	Item N°	Price €
AX223		•	220g	1mg		Ø 130 mm	200g, F1	30127960	1 470
AX223M	•	•	220g	1mg	0,01g	Ø 130 mm	200g, F1	30100623	1 680
AX223/E			220g	1mg		Ø 130 mm	200g, F1	30127961	1 170
AX423		•	420g	1mg		Ø 130 mm	200g+200g, F1	30127962	1 665
AX423M	•	•	420g	1mg	0,01g	Ø 130 mm	200g+200g, F1	30100624	1 875
AX423/E			420g	1mg		Ø 130 mm	200g+200g, F1	30127963	1 385
AX523		•	520g	1mg		Ø 130 mm	500g, F1	30122614	1 880
AX523M	•	•	520g	1mg	0,01g	Ø 130 mm	500g, F1	30100625	2 090
AX523/E			520g	1mg		Ø 130 mm	500g, F1	30122615	1 600
AX422		•	420g	0,01g		175mm x 195mm	200g+200g, F1	30206079	1 180
AX422/E			420g	0,01g		175mm x 195mm	200g+200g, F1	30206080	900
AX822		•	820g	0,01g		175mm x 195mm	500g+100g, F1	30206081	1 305
AX822/E			820g	0,01g		175mm x 195mm	500g+100g, F1	30206082	1 025
AX1502		•	1520g	0,01g		175mm x 195mm	1000g+500g, F1	30127966	1 445
AX1502M	•	•	1520g	0,01g	0,1g	175mm x 195mm	1000g+500g, F1	30100626	1 645
AX1502/E			1520g	0,01g		175mm x 195mm	1000g+500g, F1	30127967	1 145
AX2202		•	2200g	0,01g		175mm x 195mm	2000g, F1	30127968	1 465
AX2202M	•	•	2200g	0,01g	0,1g	175mm x 195mm	2000g, F1	30100627	1 665
AX2202/E			2200g	0,01g		175mm x 195mm	2000g, F1	30127969	1 165
AX4202		•	4200g	0,01g		175mm x 195mm	2000g+2000g, F1	30122616	1 660
AX4202M	•	•	4200g	0,01g	0,1g	175mm x 195mm	2000g+2000g, F1	30100628	1 860
AX4202/E			4200g	0,01g		175mm x 195mm	2000g+2000g, F1	30122617	1 360
AX5202		•	5200g	0,01g		175mm x 195mm	5000g, F1	30122618	1 880
AX5202M	•	•	5200g	0,01g	0,1g	175mm x 195mm	5000g, F1	30100629	2 080
AX2201		•	2200g	0,1g		175mm x 195mm	2000g, F1	30206083	1 125
AX2201/E			2200g	0,1g		175mm x 195mm	2000g, F1	30206084	825
AX4201		•	4200g	0,1g		175mm x 195mm	2000g+2000g, F1	30127970	1 310
AX4201/E			4200g	0,1g		175mm x 195mm	2000g+2000g, F1	30127971	1 010
AX8201		•	8200g	0,1g		175mm x 195mm	5000g+1000g, F1	30122619	1 415
AX8201M	•	•	8200g	0,1g	1g	175mm x 195mm	5000g+1000g, F1	30122651	1 615
AX8201/E			8200g	0,1g		175mm x 195mm	5000g+1000g, F1	30122620	1 115



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 71-74

For Accessories see page 18





# Pioneer™ Precision



## Combining Economy and High Performance for Essential Weighing

- Competitive Performance at an Economical Price
- Durably Constructed for Long-Term Use
- Designed for Simple, Intelligent Operation

- Application** Basic weighing, parts counting, percent weighing, animal weighing, density determination
- Operation** AC adapter (included)
- Construction** Metal base, plastic top housing, removable stainless steel pan, glass draftshield (1mg models only), integrated weigh-below-hook, security bracket, calibration lock and in-use cover
- Display** Backlit Liquid Crystal Display (LCD); Second line display for additional information or guidance (dot matrix)
- Communication** RS232 and USB device (included); GLP/GMP data output with real-time clock
- Design Features** User-selectable environmental filters and brightness settings, auto-tare, auto-dim, user-selectable span calibration points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, software overload/underload indicator, stability indicator, four operating languages



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 71-74

Model	M APP	CAL INT	Capacity	Readability (d)	(e)	Platform	Test Weight	Item N°	Price €
PX323/E			320g	1mg		Ø 120mm	200g+100g, F1	30429812	780
PX323		•	320g	1mg		Ø 120mm	200g+100g, F1	30429805	975
PX323M	•	•	320g	1mg	0,01g	Ø 120mm	200g+100g, F1	30430015	1 130
PX523/E			520g	1mg		Ø 120mm	500g, F1	30429813	840
PX523		•	520g	1mg		Ø 120mm	500g, F1	30429806	1 035
PX523M	•	•	520g	1mg	0,01g	Ø 120mm	500g, F1	30430017	1 190
PX3202/E			3200g	0,01g		Ø 180mm	2kg+1kg, F1	30429814	815
PX3202		•	3200g	0,01g		Ø 180mm	2kg+1kg, F1	30429807	1 010
PX3202M	•	•	3200g	0,01g	0,1g	Ø 180mm	2kg+1kg, F1	30430021	1 165
PX5202/E			5200g	0,01g		Ø 180mm	5kg, F1	30429815	885
PX5202		•	5200g	0,01g		Ø 180mm	5kg, F1	30429808	1 080
PX5202M	•	•	5200g	0,01g	0,1g	Ø 180mm	5kg, F1	30430027	1 235
PX4201/E			4200g	0,1g		Ø 180mm	2kg+2kg, F1	30429816	740
PX4201		•	4200g	0,1g		Ø 180mm	2kg+2kg, F1	30429809	935
PX4201M	•	•	4200g	0,1g	1g	Ø 180mm	2kg+2kg, F1	30430024	1 090

For Accessories see page 18

Precision Balances

# PR Series Precision

## Designed for Routine Weighing Applications in Your Workplace

- Basic Functionality for Routine Weighing Applications
- Designed for Uncomplicated Operation with Easy-to-Use Display and Interface
- Smart Design and Durable Construction

- Application:** Basic weighing, parts counting, percent weighing
- Display:** Backlit Liquid Crystal Display (LCD)
- Operation:** AC adapter (included)
- Communication:** RS232 (one port included)
- Construction:** ABS top housing, removable stainless steel pan, glass draftshield (1mg models only) with sliding top door, integrated weigh-below-hook, security bracket, calibration lock
- Design features:** User-selectable environmental filters and brightness settings, auto-tare, auto-dim, user-selectable span calibration points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, software overload/underload indicator, stability indicator



Model	Capacity	Readability (d)	Platform Ø	Test weight	Item N°	Price €
PR223/E	220g	1mg	120mm	200g, F1	30430071	660
PR423/E	420g	1mg	120mm	200g+200g, F1	30430072	690
PR523/E	520g	1mg	120mm	500g, F1	30430073	715
PR1602/E	1600g	0,01g	180mm	1kg+500g, F1	30430074	620
PR2202/E	2200g	0,01g	180mm	2kg, F1	30430075	665
PR4202/E	4200g	0,01g	180mm	2kg+2kg, F1	30430076	725
PR4201/E	4200g	0,1g	180mm	2kg+2kg, F1	30430077	630
PR6201/E	6200g	0,1g	180mm	5kg+1kg, F1	30430078	655

## Accessories for Explorer®, Explorer®High Capacity, Adventurer®, Pioneer™ and PR Series Precision

Accessories	Explorer	EX HC	Adventurer	Pioneer	PR Series	Item N°	Price €
Density determination kit (for 1mg balances only)	•		•	•	•	80253384	488
Sinker Glass for Density kit	•		•	•	•	83034024	258
Auxiliary display, AD7-RS	•	•	•	•	•	30472064	75
AX full housing in use cover for 1mg model			•			30111792	24
AX full housing in use cover for 0.01g and 0.1g model			•			30111777	24
Cover, in-use	•	•				83033633	23
In-Use Cover				•		30372546	21
In-Use Cover					•	30372547	21
Dust Cover (1mg models only)	•	•				30093334	29
Ethernet interface	•					83021082	100
Draft shield kit	•					83021084	243
Tower Kit		•				30078082	63
Battery Kit		•				30041295	160
Adjustable rolling feet		•				30041470	232
Tower Kit	•					83021102	63
Anti theft device	•	•	•	•	•	80850000	50
Cable, USB A to Mini USB, 1.8m Black	•	•				28120263	16
Interface Cable, USB (Type A to B)			•			83021085	16
Cable, USB-RS232 Converter	•	•	•	•	•	30268619	67
Cable, RS422, Extension, 3m	•	•				83021083	16
Cable, RS422, Extension, 9m	•	•				30078078	22
SF40A Full-Featured Impact Printer	•	•	•	•	•	30064202	522



## Setting New Standards in Laboratory & Industrial Weighing – The Next Generation of Scout Portable Balances

- Navigate quickly & efficiently using the informative colour touchscreen display
- Fast weighing speed and high resolution deliver repeatable and reliable results
- Superior overload protection & stackable storage drive overall durability

- Application** Weighing, percent weighing, parts counting, check weighing, dynamic/ animal weighing, totalization, density determination, display hold, mole weighing
- Display** Full-colour touchscreen WQVGA Graphic LCD (4.3 in. diagonal), QWERTY keyboard and numeric keypad to quickly input GLP and GMP data and other application data
- Operation** AC Adapter (Included), batteries (not included)
- Communication** Optional RS232, USB host, USB device, Bluetooth or Ethernet
- Construction** ABS housing, stainless steel pan, replaceable in-use cover
- Design Features** Fast stabilization time, up-front level indicator, up to 9 operating languages, save-to-USB function, menu lock switch, stackable design, security slot, integral weigh below hook for below balance weighing applications, transportation lock, removable stainless steel weighing platform, stability indicator, overload and underload indicators, low battery indicator, auto shut-off



Model	Capacity	Readability (d)	Platform	Test Weight*	Item N°	Price €
STX123	120g	0,001g	Ø 93 mm	100g, M1	30253058	605
STX223	220g	0,001g	Ø 93 mm	200g, M1	30253059	705
STX222	220g	0,01g	Ø 120 mm	200g, M1	30253060	465
STX422	420g	0,01g	Ø 120 mm	200g, M1	30253061	565
STX622	620g	0,01g	Ø 120 mm	300g, M1	30253062	605
STX1202	1200g	0,01g	170mm x 140mm	1000g, M1	30253063	675
STX2202	2200g	0,01g	170mm x 140mm	2000g, M1	30253064	705
STX421	420g	0,1g	Ø 120 mm	200g, M1	30253065	255
STX621	620g	0,1g	170mm x 140mm	300g, M1	30253066	305
STX2201	2200g	0,1g	170mm x 140mm	2000g, M1	30253067	465
STX6201	6200g	0,1g	170mm x 140mm	5000g, M1	30253068	595
STX8200	8200g	1g	170mm x 140mm	8000g, M1	30253069	675



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 71-74

For Accessories see page 20

\*test weight included for models up to 620 g capacity



# Scout® SKX



## The Next Generation of Portable Balance

- Superior overload protection and practical stackable design for convenient storage
- Bright backlit LCD and 4 button operation make the new scout easy to see and use
- Multiple connectivity options are available for data logging and communication
- Fast weighing speed and high resolution delivers repeatable and reliable results

<b>Application</b>	Weighing, density determination, mole weighing
<b>Display</b>	Backlit LCD: 6-digit 7-segment with white LED backlight
<b>Operation</b>	AC Adapter (included), batteries (not included)
<b>Communication</b>	Optional RS232, USB host, USB device, Bluetooth or Ethernet
<b>Construction</b>	ABS housing, stainless steel pan, replaceable in-use cover
<b>Design Features</b>	Fast stabilization time, menu lock switch, stackable design, security slot, integral weigh below hook for below balance weighing applications, transportation lock, removable stainless steel weighing platform, stability indicator, overload and underload indicators, low battery indicator, auto shut-off



Model	Capacity	Readability (d)	Platform	Test Weight*	Item N°	Price €
SKX123	120g	0,001g	Ø 93 mm	100g, M1	30253070	390
SKX222	220g	0,01g	Ø 120 mm	200g, M1	30253071	285
SKX422	420g	0,01g	Ø 120 mm	200g, M1	30253072	360
SKX622	620g	0,01g	Ø 120 mm	300g, M1	30253073	390
SKX1202	1200g	0,01g	170mm x 140mm	1000g, M1	30253074	435
SKX2202	2200g	0,01g	170mm x 140mm	2000g, M1	30253075	465
SKX421	420g	0,1g	Ø 120 mm	200g, M1	30253076	165
SKX621	620g	0,1g	170mm x 140mm	300g, M1	30253077	185
SKX2201	2200g	0,1g	170mm x 140mm	2000g, M1	30253078	285
SKX6201	6200g	0,1g	170mm x 140mm	5000g, M1	30253079	385
SKX8200	8200g	1g	170mm x 140mm	8000g, M1	30253080	440

\*test weight included for models up to 620 g capacity



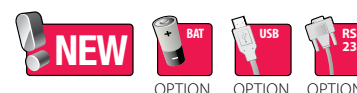
FOR PRINTERS, CABLES AND SOFTWARE SEE P. 71-74

## Accessories for Scout®

Accessories	Item N°	Price €
RS232 Interface Kit	30268982	59
USB Host Interface Kit	30268983	90
USB Device Interface Kit	30268984	69
Bluetooth Interface Kit	30268985	112
Ethernet Interface Kit	30268986	127
Stacking Kit, set (6)	30268987	48
Stacking Kit, set (1)	30268988	12
In-use cover	30269022	16
Auxiliary Display, TAD7-S	30333960	on req.
Top loading kit for Density Determination	30269020	16
Anti theft device	80850043	152



# Navigator™ Series Portable Balances



## Rugged, Multi-Purpose Balances for a Wide Range of General Weighing Applications

- Designed for Accuracy and Repeatability in Essential Weighing Applications
- Improved Productivity with Fast Stabilization Time
- Mechanical Overload Protection Safeguards the Balance and Increases Durability

- Application** Basic weighing, parts counting, percent weighing, check weighing
- Display** Backlit Liquid Crystal Display (LCD)
- Operation** AC adapter (included) or 4 C batteries (not included)
- Communication** RS232, USB, or Ethernet (available as accessories)
- Construction** ABS housing, stainless steel pan, transportation lock, slip-resistant and adjustable feet, leveling bubble
- Design Features** Menu and calibration lock switch, mechanical and software overload/underload protection, stability indicator, low battery indicator, auto shut-off, user-selectable print options, user-selectable communication settings



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 71-74

## Navigator® NV

Model	Capacity	Readability (d)	Platform	Test Weight	Item N°	Price €
NV222	220 g	0,01 g	Ø 145 mm	200 g, M1	30456382	230
NV422	420 g	0,01 g	Ø 145 mm	200 g + 200 g, M1	30456383	285
NV622	620 g	0,01 g	Ø 145 mm	500 g + 100 g, M1	30456384	315
NV221	220 g	0,1 g	190 x 144 mm	200 g, M1	30456385	135
NV621	620 g	0,1 g	190 x 144 mm	500 g + 100 g, M1	30456386	155
NV1201	1200 g	0,1 g	190 x 144 mm	1000 g, M1	30456387	205
NV2201	2200 g	0,1 g	190 x 144 mm	2000 g, M1	30456388	230

For Accessories see page 22

## Navigator® NVT

Model	Capacity	Readability (d)	Platform	Test Weight	Item N°	Price €
NVT2201	2200 g	0,1 g	230 x 174 mm	2000 g, M1	30456389	250
NVT4201	4200 g	0,1 g	230 x 174 mm	2000 g + 2000 g, M1	30456390	260
NVT6201	6200 g	0,1 g	230 x 174 mm	5000 g + 1000 g, M1	30456391	270
NVT2200	2200 g	1 g	230 x 174 mm	2000 g, M1	30456392	145
NVT6200	6200 g	1 g	230 x 174 mm	5000 g + 1000 g, M1	30456393	165
NVT12000	12000 g	1 g	230 x 174 mm	10000 g, M1	30456394	225
NVT22000	22000 g	1 g	230 x 174 mm	20000 g, M1	30456395	245

For Accessories see page 22

Precision Portable Balances