

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 port of either RS232 or Ethernet. 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 as option models

Design Features AutoCal™ fully-automatic internal calibration system equipped with 2 internal calibration weights, fast stabilization time, four touchless sensors, built-in ionizer with automatic door models, up to 14 operating languages, OIML 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

| Model | 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 | CALL |
| EX125DM | • | | | 52g;120g | 0,01mg;0,1mg | 1 mg | Ø 80 mm | 100g, E2 | 30139515 | CALL |
| EX125 | | | | 120g | 0,01mg | | Ø 80 mm | 100g, E2 | 30218999 | CALL |
| EX125M | • | | | 120g | 0,01mg | 1 mg | Ø 80 mm | 100g, E2 | 30139516 | CALL |
| EX225D | | | | 120g;220g | 0,01mg;0,1mg | | Ø 80 mm | 200g, E2 | 30219000 | CALL |
| EX225DM | • | | | 120g;220g | 0,01mg;0,1mg | 1 mg | Ø 80 mm | 200g, E2 | 30139517 | CALL |
| EX225D/AD | | • | • | 120g;220g | 0,01mg;0,1mg | | Ø 80 mm | 200g, E2 | 30219001 | CALL |
| EX225DM/AD | • | • | • | 120g;220g | 0,01mg;0,1mg | 1 mg | Ø 80 mm | 200g, E2 | 30139518 | CALL |
| EX225/AD | | • | • | 220g | 0,01mg | | Ø 80 mm | 200g, E2 | 30219002 | CALL |
| EX225M/AD | • | • | • | 220g | 0,01mg | 1 mg | Ø 80 mm | 200g, E2 | 30139519 | CALL |



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 65-67

| Accessories | Item N° | Price £ |
|---------------------------------------|----------|---------|
| ION-100A standalone ionizer | 30095929 | CALL |
| Replacement Electrode ION-100A | 30133391 | CALL |
| Grid pan, EX Semi-Micro | 30298582 | CALL |
| Pipette adjustment kit, EX Semi-Micro | 30252145 | CALL |
| Density determination kit for solids | 80253384 | CALL |
| Sinker Glass for Density kit | 83034024 | CALL |
| Second RS232 Interface, Explorer | 83021081 | CALL |
| Ethernet Interface Explorer | 83021082 | CALL |
| Foot Switch Kit Explorer | 83021086 | CALL |
| Auxiliary Display PAD7 | 80251396 | CALL |
| Terminal Extension Cable, EX, 3m | 83021083 | CALL |
| Terminal Extension Cable, EX, 9m | 30078078 | CALL |
| PC Cable 9 pin | 410024 | CALL |
| Cable, USB-RS232 Converter | 30268619 | CALL |
| Interface Cable, USB (Type A to B) | 83021085 | CALL |
| Cable, USB A to Mini USB, 1.8m Black | 28120263 | CALL |
| Anti theft device (Cable&Lock) | 80850000 | CALL |
| Anti theft device (Laptop lock) | 80850043 | CALL |
| Cover, In-Use, Explorer | 83033633 | CALL |
| Dust Cover EX, AX | 30093334 | CALL |
| SF40A Full-Featured Impact Printer | 30064202 | CALL |
| SF40A Paper roll (57,5mm 2pcs) | 12120799 | CALL |
| Adhesive Paper Rolls (3 pcs) | 11600388 | CALL |
| SF40A Paper rotary axis | 30063920 | CALL |
| SF40A Ink ribbon cassette | 12120798 | CALL |



PIPETTE ADJUSTMENT KIT



ION-100A IONIZER

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, checkweighing, 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 (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

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 calibration. 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. 65-67

| Model | M APP | AUTO DOOR | CAL INT | Capacity | Readability (d) | (e) | Platform | Test Weight | Item N° | Price £ |
|-----------|-------|-----------|---------|----------|-----------------|------|----------|-------------|----------|---------|
| EX124 | | | • | 120 g | 0.1 mg | | Ø 90 mm | 100 g, E2 | 83021331 | CALL |
| EX124/AD | | • | • | 120 g | 0.1 mg | | Ø 90 mm | 100 g, E2 | 30061976 | CALL |
| EX224 | | | • | 220 g | 0.1 mg | | Ø 90 mm | 200 g, E2 | 83021332 | CALL |
| EX224/AD | | • | • | 220 g | 0.1 mg | | Ø 90 mm | 200 g, E2 | 30061977 | CALL |
| EX224M | • | | • | 220 g | 0.1 mg | 1 mg | Ø 90 mm | 200 g, E2 | 83021333 | CALL |
| EX224M/AD | • | • | • | 220 g | 0.1 mg | 1 mg | Ø 90 mm | 200 g, E2 | 30061995 | CALL |
| EX324 | | | • | 320 g | 0.1 mg | | Ø 90 mm | 300 g, E2 | 83021335 | CALL |
| EX324/AD | | • | • | 320 g | 0.1 mg | | Ø 90 mm | 300 g, E2 | 30061978 | CALL |
| EX324M | • | | • | 320 g | 0.1 mg | 1 mg | Ø 90 mm | 300 g, E2 | 83021336 | CALL |
| EX324M/AD | • | • | • | 320 g | 0.1 mg | 1 mg | Ø 90 mm | 300 g, E2 | 30061996 | CALL |

Adventurer® Analytical

Ready for your lab, wherever that may be



- Fast stabilization and reliable operation are enhanced by the AutoCal™ option to ensure solid weighing performance and accurate, repeatable results for standard laboratory applications
- The wide viewing angle colour touchscreen provides access to all of Adventurer's applications, while dual USB ports with GLP/GMP tracking capabilities assist in the monitoring and reporting of data
- The two piece, top-mounted draftshield doors reduce the footprint of the doors in the rear of the balance when open, and open wide on both sides in order to provide ample room to place samples



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, calibration lock, full housing in-use cover

Design Features

Selectable environmental filters, auto tare, user selectable span calibration 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



Analytical Balances

| 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 | CALL |
| AX124M | • | • | 120g | 0.1 mg | 1 mg | Ø 90 mm | 100g, E2 | 30100620 | CALL |
| AX124/E | | | 120g | 0.1 mg | | Ø 90 mm | 100g, E2 | 30122657 | CALL |
| AX224 | | • | 220g | 0.1 mg | | Ø 90 mm | 200g, E2 | 30122611 | CALL |
| AX224M | • | • | 220g | 0.1 mg | 1 mg | Ø 90 mm | 200g, E2 | 30100621 | CALL |
| AX224/E | | | 220g | 0.1 mg | | Ø 90 mm | 200g, E2 | 30122612 | CALL |
| AX324 | | • | 320g | 0.1 mg | | Ø 90 mm | 200g+100g, E2 | 30122613 | CALL |
| AX324M | • | • | 320g | 0.1 mg | 1 mg | Ø 90 mm | 200g+100g, E2 | 30100622 | CALL |



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 65-67

Pioneer™ Analytical

The Economical Choice of Balance for Routine Weighing Application



- Easy-to-Clean Draftshield Protects Samples from Contamination
- Backlit LCD Makes Viewing of Results Easier—Even in Low Light Conditions
- Selectable Environmental Settings Minimize External Influences & Ensure Accuracy

Application Weighing, Parts Counting, Percent Weighing, Animal/Dynamic Weighing, Density Determination

Operation AC adapter (included)

Construction Metal base, ABS top housing, stainless steel pan, glass draftshield with sliding top door, up-front level indicator, integral weigh below hook, security bracket, calibration lock, in-use cover

Display Backlit LCD

Communication RS232 (included)

Design Features Selectable environmental filters, auto-tare, software lockout and reset menu, user selectable communication and printing settings, auto standby



Analytical Balances

| Model | M APP | CAL INT | Capacity | Readability (d) | (e) | Platform | Test Weight | Item N° | Price £ |
|-----------|-------|---------|----------|-----------------|------|----------|-------------|----------|---------|
| PA124 | | | 120 g | 0.1 mg | | Ø 90 mm | 100g, E2 | 30208441 | CALL |
| PA124C | | • | 120 g | 0.1 mg | | Ø 90 mm | 100g, E2 | 30208455 | CALL |
| PA124CM/2 | • | • | 120 g | 0.1 mg | 1 mg | Ø 90 mm | 100g, E2 | 30306537 | CALL |
| PA224 | | | 220 g | 0.1 mg | | Ø 90 mm | 200g, E2 | 30208442 | CALL |
| PA224C | | • | 220 g | 0.1 mg | | Ø 90 mm | 200g, E2 | 30208456 | CALL |
| PA214CM/2 | • | • | 210 g | 0.1 mg | 1 mg | Ø 90 mm | 200g, E2 | 30306538 | CALL |



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 65-67

Accessories for Explorer®, Adventurer® and Pioneer™ Analytical

| Accessories | Item N° | Explorer | Adventurer | Pioneer | Price £ |
|--------------------------------------|----------|----------|------------|---------|---------|
| ION-100A standalone ionizer | 30095929 | • | • | • | CALL |
| Replacement Electrode ION-100A | 30133391 | • | • | • | CALL |
| Density determination kit for solids | 80253384 | • | • | • | CALL |
| Sinker Glass for Density kit | 83034024 | • | • | • | CALL |
| Second RS232 Interface, Explorer | 83021081 | • | | | CALL |
| Ethernet Interface Explorer | 83021082 | • | | | CALL |
| Foot Switch Kit Explorer | 83021086 | • | | | CALL |
| Auxiliary Display PAD7 | 80251396 | • | • | • | CALL |
| Terminal Extension Cable, Ex, 3M | 83021083 | • | | | CALL |
| Terminal Extension Cable, Ex, 9M | 30078078 | • | | | CALL |
| PC Cable 9 pin | 410024 | • | • | • | CALL |
| Cable, USB-RS232 Converter | 30268619 | • | • | • | CALL |
| Interface Cable, USB (Type A to B) | 83021085 | • | • | | CALL |
| Cable, USB A to Mini USB, 1.8m Black | 28120263 | • | | | CALL |
| Anti theft device (Cable&Lock) | 80850000 | • | • | • | CALL |
| Anti theft device (Laptop lock) | 80850043 | • | • | | CALL |
| Cover, In-Use, Explorer | 83033633 | • | | | CALL |
| AX full housing in use cover | 30111792 | | • | | CALL |
| In use display cover for Pioneer | 83020221 | | | • | CALL |
| Dust Cover EX, AX | 30093334 | • | • | | CALL |
| SF40A Full-Featured Impact Printer | 30064202 | • | • | • | CALL |
| SF40A Paper roll (57,5mm 2pcs) | 12120799 | • | • | • | CALL |
| Adhesive Paper Rolls (3 pcs) | 11600388 | • | • | • | CALL |
| SF40A Paper rotary axis | 30063920 | • | • | • | CALL |
| SF40A Ink ribbon cassette | 12120798 | • | • | • | CALL |

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 calibration 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, checkweighing, 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 (1mg models only), illuminated up-front level indicator, integral weigh below hook, security bracket, calibration lock, four touchless sensors, full housing in-use cover

Design Features

Selectable environmental filters, auto tare, user selectable span calibration 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. 65-67

| Model | M APP | CAL INT | Capacity | Readability (d) | (e) | Platform | Test Weight | Item N° | Price £ |
|-------------|-------|---------|----------|-----------------|--------|-----------------|-------------|----------|---------|
| EX223 | | • | 220 g | 1 mg | | Ø 130 mm | 200 g, F1 | 83021341 | CALL |
| EX223/E | | | 220 g | 1 mg | | Ø 130 mm | 200 g, F1 | 30061979 | CALL |
| EX423 | | • | 420 g | 1 mg | | Ø 130 mm | 400 g, F1 | 83021342 | CALL |
| EX423/E | | | 420 g | 1 mg | | Ø 130 mm | 400 g, F1 | 30061980 | CALL |
| EX423M | • | • | 420 g | 1 mg | 0.01 g | Ø 130 mm | 400 g, F1 | 83021343 | CALL |
| EX623 | | • | 620 g | 1 mg | | Ø 130 mm | 500 g, F1 | 83021348 | CALL |
| EX1103 | | • | 1100 g | 1 mg | | Ø 130 mm | 1000 g, F1 | 83021350 | CALL |
| EX1103M | • | • | 1100 g | 1 mg | 0.01 g | Ø 130mm | 1000 g, F1 | 83021351 | CALL |
| EX2202 | | • | 2200 g | 0.01 g | | 190 x 200 mm | 2000 g, F1 | 83021356 | CALL |
| EX2202/E | | | 2200 g | 0.01 g | | 190 x 200 mm | 2000 g, F1 | 30061981 | CALL |
| EX4202 | | • | 4200 g | 0.01 g | | 190 x 200 mm | 4000 g, F1 | 83021357 | CALL |
| EX4202/E | | | 4200 g | 0.01 g | | 190 x 200 mm | 4000 g, F1 | 30061982 | CALL |
| EX4202M | • | • | 4200 g | 0.01 g | 0.1 g | 190 x 200 mm | 4000 g, F1 | 83021358 | CALL |
| EX6202 | | • | 6200 g | 0.01 g | | 190 x 200 mm | 5000 g, F1 | 83021360 | CALL |
| EX6202/E | | | 6200 g | 0.01 g | | 190 x 200 mm | 5000 g, F1 | 30061983 | CALL |
| EX10202 | | • | 10200 g | 0.01 g | | 190 x 200 mm | 10000 g, F1 | 83021362 | CALL |
| EX10202M | • | • | 10200 g | 0.01 g | 0.1 g | 190 x 200 mm | 10000 g, F1 | 83021363 | CALL |
| EX6201 | | • | 6200 g | 0.1 g | | 190 x 200 mm | 5000 g, F1 | 83021361 | CALL |
| EX6201/E | | | 6200 g | 0.1 g | | 190 x 200 mm | 5000 g, F1 | 30061984 | CALL |
| EX10201 | | • | 10200 g | 0.1 g | | 190 x 200 mm | 10000 g, F1 | 83021365 | CALL |
| EX10201M | • | • | 10200 g | 0.1 g | 0.1 g | 190 x 200 mm | 10000 g, F1 | 83021366 | CALL |
| EX12001-GB | | • | 12000 g | 0.1 g | | 377 mm x 311 mm | 10kg, F1 | 30078075 | CALL |
| EX12001M-GB | • | • | 12000 g | 0.1 g | 1 g | 377 mm x 311 mm | 10kg, F1 | 30100518 | CALL |
| EX24001-GB | | • | 24000 g | 0.1 g | | 377 mm x 311 mm | 20kg, F1 | 30078076 | CALL |
| EX24001M-GB | • | • | 24000 g | 0.1 g | 1 g | 377 mm x 311 mm | 20kg, F1 | 30100519 | CALL |
| EX35001-GB | | • | 35000 g | 0.1 g | | 377 mm x 311 mm | 10+20kg, F1 | 30078077 | CALL |
| EX35001M-GB | • | • | 35000 g | 0.1 g | 1 g | 377 mm x 311 mm | 10+20kg, F1 | 30100520 | CALL |



High Capacity

Precision Balances

Adventurer® Precision

Ready for your lab, wherever that may be

- Fast stabilization and reliable operation are enhanced by the AutoCal™ option to ensure solid weighing performance and accurate, repeatable results for standard laboratory applications
- The wide viewing angle colour touchscreen provides access to all of Adventurer's applications, while dual USB ports with GLP/GMP tracking capabilities assist in the monitoring and reporting of data
- The two piece, top-mounted draftshield doors reduce the footprint of the doors in the rear of the balance when open, and open wide on both sides in order to provide ample room to place samples (1mg models only), The 0.01g models feature large weighing pans



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 (1mg models only), illuminated up-front level indicator, integral weigh below hook, security bracket, calibration lock, full housing in-use cover

Design Features

Selectable environmental filters, auto tare, user selectable span calibration 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

Precision Balances

| Model | M APP | CAL INT | Capacity | Readability (d) | (e) | Platform | Test Weight | Item N° | Price £ |
|----------|-------|---------|----------|-----------------|-------|---------------|-----------------|----------|---------|
| AX223 | | • | 220g | 1mg | | Ø 130 mm | 200g, F1 | 30127960 | CALL |
| AX223M | • | • | 220g | 1mg | 0,01g | Ø 130 mm | 200g, F1 | 30100623 | CALL |
| AX223/E | | | 220g | 1mg | | Ø 130 mm | 200g, F1 | 30127961 | CALL |
| AX423 | | • | 420g | 1mg | | Ø 130 mm | 200g+200g, F1 | 30127962 | CALL |
| AX423M | • | • | 420g | 1mg | 0,01g | Ø 130 mm | 200g+200g, F1 | 30100624 | CALL |
| AX423/E | | | 420g | 1mg | | Ø 130 mm | 200g+200g, F1 | 30127963 | CALL |
| AX523 | | • | 520g | 1mg | | Ø 130 mm | 500g, F1 | 30122614 | CALL |
| AX523M | • | • | 520g | 1mg | 0,01g | Ø 130 mm | 500g, F1 | 30100625 | CALL |
| AX523/E | | | 520g | 1mg | | Ø 130 mm | 500g, F1 | 30122615 | CALL |
| AX422 | | • | 420g | 0,01g | | 175mm x 195mm | 200g+200g, F1 | 30206079 | CALL |
| AX422/E | | | 420g | 0,01g | | 175mm x 195mm | 200g+200g, F1 | 30206080 | CALL |
| AX822 | | • | 820g | 0,01g | | 175mm x 195mm | 500g+100g, F1 | 30206081 | CALL |
| AX822/E | | | 820g | 0,01g | | 175mm x 195mm | 500g+100g, F1 | 30206082 | CALL |
| AX1502 | | • | 1520g | 0,01g | | 175mm x 195mm | 1000g+500g, F1 | 30127966 | CALL |
| AX1502M | • | • | 1520g | 0,01g | 0,1g | 175mm x 195mm | 1000g+500g, F1 | 30100626 | CALL |
| AX1502/E | | | 1520g | 0,01g | | 175mm x 195mm | 1000g+500g, F1 | 30127967 | CALL |
| AX2202 | | • | 2200g | 0,01g | | 175mm x 195mm | 2000g, F1 | 30127968 | CALL |
| AX2202M | • | • | 2200g | 0,01g | 0,1g | 175mm x 195mm | 2000g, F1 | 30100627 | CALL |
| AX2202/E | | | 2200g | 0,01g | | 175mm x 195mm | 2000g, F1 | 30127969 | CALL |
| AX4202 | | • | 4200g | 0,01g | | 175mm x 195mm | 2000g+2000g, F1 | 30122616 | CALL |
| AX4202M | • | • | 4200g | 0,01g | 0,1g | 175mm x 195mm | 2000g+2000g, F1 | 30100628 | CALL |
| AX4202/E | | | 4200g | 0,01g | | 175mm x 195mm | 2000g+2000g, F1 | 30122617 | CALL |
| AX5202 | | • | 5200g | 0,01g | | 175mm x 195mm | 5000g, F1 | 30122618 | CALL |
| AX5202M | • | • | 5200g | 0,01g | 0,1g | 175mm x 195mm | 5000g, F1 | 30100629 | CALL |
| AX2201 | | • | 2200g | 0,1g | | 175mm x 195mm | 2000g, F1 | 30206083 | CALL |
| AX2201/E | | | 2200g | 0,1g | | 175mm x 195mm | 2000g, F1 | 30206084 | CALL |
| AX4201 | | • | 4200g | 0,1g | | 175mm x 195mm | 2000g+2000g, F1 | 30127970 | CALL |
| AX4201/E | | | 4200g | 0,1g | | 175mm x 195mm | 2000g+2000g, F1 | 30127971 | CALL |
| AX8201 | | • | 8200g | 0,1g | | 175mm x 195mm | 5000g+1000g, F1 | 30122619 | CALL |
| AX8201M | • | • | 8200g | 0,1g | 1g | 175mm x 195mm | 5000g+1000g, F1 | 30122651 | CALL |
| AX8201/E | | | 8200g | 0,1g | | 175mm x 195mm | 5000g+1000g, F1 | 30122620 | CALL |



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 65-67

Pioneer™ Precision



The Economical Choice of Balance for Routine Weighing Applications

- Easy-to-Clean Draftshield Protects Samples from Contamination
- Backlit LCD Makes Viewing of Results Easier—Even in Low Light Conditions
- Selectable Environmental Settings Minimize External Influences & Ensure Accuracy



Application Weighing, Parts Counting, Percent Weighing, Density Determination, Dynamic/Animal Weighing

Operation AC adapter (included)

Construction Metal base, ABS top housing, stainless steel pan, glass draftshield with sliding top door (1mg models only), up-front level indicator, integral weigh below hook, security bracket, calibration lock, in-use cover

Display Backlit LCD

Communication RS232 (included)

Design Features Selectable environmental filters, auto-tare, software lockout and reset menu, user selectable communication and printing settings, auto standby



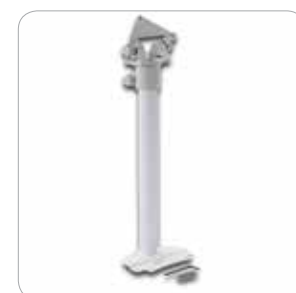
| Model | M APP | CAL INT | Capacity | Readability (d) | (e) | Platform | Test Weight | Item N° | Price £ |
|------------|-------|---------|----------|-----------------|-------|----------|-------------|----------|---------|
| PA223 | | | 220g | 1 mg | | Ø 120 mm | 200g, E2 | 30341097 | CALL |
| PA223C | | • | 220g | 1 mg | | Ø 120 mm | 200g, E2 | 30341099 | CALL |
| PA223CM/2 | • | • | 220g | 1 mg | 10 mg | Ø 120 mm | 200g, E2 | 30341101 | CALL |
| PA423 | | | 420g | 1 mg | | Ø 120 mm | 400g, E2 | 30341098 | CALL |
| PA423C | | • | 420g | 1 mg | | Ø 120 mm | 400g, E2 | 30341100 | CALL |
| PA423CM/2 | • | • | 420g | 1 mg | 10 mg | Ø 120 mm | 400g, E2 | 30341102 | CALL |
| PA2202 | | | 2200 g | 0.01 g | | Ø 180 mm | 2000g, F2 | 30208447 | CALL |
| PA2202C | | • | 2200 g | 0.01 g | | Ø 180 mm | 2000g, F2 | 30208461 | CALL |
| PA2202CM/2 | • | • | 2200 g | 0.01 g | 0.1g | Ø 180 mm | 2000g, F2 | 30306543 | CALL |
| PA4202 | | | 4200 g | 0.01 g | | Ø 180 mm | 4000g, F2 | 30208449 | CALL |
| PA4202C | | • | 4200 g | 0.01 g | | Ø 180 mm | 4000g, F2 | 30208463 | CALL |
| PA4102CM/2 | • | • | 4100 g | 0.01 g | 0.1g | Ø 180 mm | 4000g, F2 | 30306545 | CALL |
| PA4201 | | | 4200 g | 0.1 g | | Ø 180 mm | 4000g, F2 | 30208453 | CALL |
| PA4201C | | • | 4200 g | 0.1 g | | Ø 180 mm | 4000g, F2 | 30208465 | CALL |



Precision Balances

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

| Accessories | Item N° | Explorer | EX HC | Adventurer | Pioneer | Price £ |
|---|----------|----------|-------|------------|---------|---------|
| ION-100A standalone ionizer | 30095929 | • | | • | • | CALL |
| Replacement Electrode ION-100A | 30133391 | • | | • | • | CALL |
| Density determination kit for solids (1mg models) | 80253384 | • | | • | • | CALL |
| Sinker Glass for Density kit | 83034024 | • | | • | • | CALL |
| Second Rs232 Interface, Explorer | 83021081 | • | • | | | CALL |
| Ethernet Interface Explorer | 83021082 | • | • | | | CALL |
| Foot Switch Kit Explorer | 83021086 | • | • | | | CALL |
| Auxiliary Display PAD7 | 80251396 | • | • | • | • | CALL |
| Terminal Extension Cable, Ex, 3M | 83021083 | • | • | | | CALL |
| Terminal Extension Cable, Ex, 9M | 30078078 | • | • | | | CALL |
| PC Cable 9 pin | 410024 | • | • | • | • | CALL |
| Cable, USB-RS232 Converter | 30268619 | • | • | • | • | CALL |
| Interface Cable, USB (Type A to B) | 83021085 | • | • | • | | CALL |
| Cable, USB A to Mini USB, 1.8m Black | 28120263 | • | • | | | CALL |
| Anti theft device (Cable&Lock) | 80850000 | • | • | • | • | CALL |
| Anti theft device (Laptop lock) | 80850043 | • | • | • | | CALL |
| Cover, In-Use, Explorer | 83033633 | • | • | | | CALL |
| AX full housing in use cover (0,01g and 0,1g models) | 30111777 | | | • | | CALL |
| In use display cover for Pioneer | 83020221 | | | | • | CALL |
| Dust Cover EX, AX (1mg models only) | 30093334 | • | • | | | CALL |
| Tower Kit Explorer (for 0,01g and 0,1g models only) | 83021102 | • | | | | CALL |
| Tower Kit for Explorer High capacity | 30078082 | | • | | | CALL |
| Draft Shield Kit, Explorer (for 0,01g and 0,1g models only) | 83021084 | • | | | | CALL |
| Battery Kit for Explorer High capacity | 30041295 | | • | | | CALL |
| Adjustable rolling feet for Explorer High capacity | 30041470 | | • | | | CALL |
| SF40A Full-Featured Impact Printer | 30064202 | • | | • | • | CALL |
| SF40A Paper roll (57,5mm 2pcs) | 12120799 | • | • | • | • | CALL |
| Adhesive Paper Rolls (3 pcs) | 11600388 | • | • | • | • | CALL |
| SF40A Paper rotary axis | 30063920 | • | • | • | • | CALL |
| SF40A Ink ribbon cassette | 12120798 | • | • | • | • | CALL |



CS Series



Dependable results in a portable balance

- AC adapter included
- Large stainless steel pan included
- Auto Shut-off

| Model | Capacity | Readability (d) | Platform | Test Weight | Item N° | Price £ / piece |
|-------------------------------------|----------|-----------------|-----------------|-------------|----------|-----------------|
| CS200, 1 order = one pack of 6 pcs | 200 g | 0.1 g | 145 mm x 133 mm | 200 g, M1 | 83997617 | CALL |
| CS2000, 1 order = one pack of 6 pcs | 2000 g | 1 g | 145 mm x 133 mm | 1 kg, M1 | 83997618 | CALL |
| CS5000, 1 order = one pack of 6 pcs | 5000 g | 1 g | 145 mm x 133 mm | 2 kg, M1 | 83997619 | CALL |

| Accessories | Item N° | Price £ |
|--------------------------|----------|---------|
| Hard shell carrying case | 80010624 | CALL |
| 1050 ml bowl container | 80850075 | CALL |



CSE Series



The perfect portable balance when cost matters and dependable results are a must!

- Large Weighing Platform
- Compact design
- Superior RF protection

| Model | Capacity | Readability (d) | Platform | Test Weight | Item N° | Price £ |
|--------------------------------------|----------|-----------------|-----------------|-------------|----------|---------|
| CS200E, 1 order = one pack of 6 pcs | 200 g | 0.1 g | 145 mm x 133 mm | 200 g, M1 | 80500630 | CALL |
| CS2000E, 1 order = one pack of 6 pcs | 2000 g | 1 g | 145 mm x 133 mm | 1 kg, M1 | 80500631 | CALL |
| CS500E, 1 order = one pack of 6 pcs | 5000 g | 1 g | 145 mm x 133 mm | 2 kg, M1 | 80500630 | CALL |

| Accessories | Item N° | Price £ |
|--|----------|---------|
| Hard shell carrying case | 80010624 | CALL |
| 1050 ml bowl container | 80850075 | CALL |
| Stainless steel pan cover for CS | 80850076 | CALL |
| Power Adapter for CS (Universal Plug Set Required) | 46001724 | CALL |
| Universal Plug Set for CS | 46001779 | CALL |



CL Series



Reliable portable scales when prices matters

- Storage made easy with a stackable design
- Integrated load cell lock
- Battery operation with auto shut-off (optional main adaptor)

| Model | Capacity | Readability (d) | Platform | Item N° | Price £ / piece |
|-------------------------------------|----------|-----------------|----------|----------|-----------------|
| CL201, 1 order = one pack of 6 pcs | 200 g | 0.1 g | Ø 120 mm | 80010610 | CALL |
| CL501, 1 order = one pack of 6 pcs | 500 g | 0.1 g | Ø 120 mm | 80500640 | CALL |
| CL2000, 1 order = one pack of 6 pcs | 2000 g | 1 g | Ø 120 mm | 80010611 | CALL |
| CL5000, 1 order = one pack of 6 pcs | 5000 g | 1 g | Ø 120 mm | 80010612 | CALL |

| Accessories | Item N° | Price £ |
|-----------------------------------|----------|---------|
| Power Adapter (46001779 Required) | 46001724 | CALL |
| Universal Plug Set | 46001779 | CALL |
| Stainless steel pan cover | 80010623 | CALL |
| Hard shell carrying case | 80010624 | CALL |
| 1050 ml bowl container | 80850075 | CALL |

