

ANALYTICAL BALANCES

Polaris Semi-Micro and Analytical Balances



From a brightly illuminated weighing chamber to remarkable ease of recordkeeping and communications (including standard Bluetooth, RJ45 ethernet, RS-232 and USB interfaces), Polaris semi-micro and analytical balances ensure a precise, intuitive weighing experience. An intuitive, multi-line display offers at-a-glance instructions, fast weighing results and application status for a complete overview of the weighing experience. Checkweighing is simplified with a colour-changing backlight to show if samples are within user-specified limits.



Unique color-changing display in checkweighing mode to show if under, over or within acceptable limits



Illuminated weighing chamber helps keep samples in clear view



Built-in Bluetooth, ethernet, RS-232 and USB interfaces for enhanced recordkeeping

Features

- Store 200,000+ results in the internal memory for full traceability
- Colour-changing backlight in checkweighing mode to show if under, over or within acceptable limits
- Connect seamlessly to PCs, printers, or LIMS via Bluetooth®, RJ45 Ethernet, RS-232 and USB interfaces
- Compliance with Good Laboratory Practices (GLP) and Good Manufacturing Practices (GMP) standards for data tracking

- Unique air diversion technology (ADT) below the weighing pan discharges warm air from the weighing chamber for more accurate weighing results (PAB 125i only)
- Bright, LED-lit weighing chamber for clear visibility of samples
- Security slot for optional lock and cable to help prevent theft
- Large, grade 304 stainless steel pan allows easy cleaning
- Capacity tracker built into display for easily monitoring possible overloads
- Up to 200 ingredients can be stored in the internal memory (10 formulations each holding 20 ingredients)
- Multilingual display allows use in many different countries
- Selectable digital filtering helps minimise effects of vibration and disturbances
- Removable draft shield for easy cleaning and transportation offsite
- Intuitive, easy-to-use display showing instructions, results and application status at a glance
- Multi-level security permissions: 1 administrator plus up to 99 operators
- Hook provided for below-balance weighing
- In-use cover provided to protect the balance from dust, dirt and moisture
- Solid, durable ABS housing to withstand daily use
- Parts counting with preset sample sizes (10, 25, 50, 100pcs)
- A 5-year warranty means quality assured for years of use.

General Specifications

- Weighing Units: g, mg, ct, GN, ozt, oz, dr, tl.H, tl.T, tol, ti, N, custom unit, mm, tl.S, dwt
- Interface: RS-232/USB/Ethernet RJ45/Bluetooth
- Power Supply: 18VDC 830mA adapter
- Display: Backlit LCD Graphical with 26mm high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 15° to 35°C

Models

Model	Capacity	Readability	Pan Size
PAB 124e	120g	0.0001g	80mm ø
PAB 224e	220g	0.0001g	80mm ø
PAB 324e	320g	0.0001g	80mm ø
PAB 424e	420g	0.0001g	80mm ø
PAB 125i	80g / 120g	0.00001g / 0.0001g	80mm ø
PAB 124i	120g	0.0001g	80mm ø
PAB 224i	220g	0.0001g	80mm ø
PAB 324i	320g	0.0001g	80mm ø
PAB 424i	420g	0.0001g	80mm ø

Accessories

Part Number	Description
700100410	ABI-1 Ionizer-700100410
600002028	AdamDU Data Collection Program-600002028

Part Number	Description
104008036	AVT Anti-vibration table-104008036
1120015779	ATP 2 Thermal Printer-1120015779

Equinox Analytical and Semi-Micro Balances



Equinox analytical balances deliver remarkable precision to labs that perform highly detailed testing. The Equinox is ideal for research and quality assurance facilities; science education; precision counting; and production and manufacturing applications needing exceptionally precise results. Eight analytical models offer capacities from 120g to 510g and 0.1mg readability. A colour touch screen display provides intuitive operation, with icon-driven menus and readily accessible applications and functions. The five-inch screen is generously sized, offering 800 X 480 pixel resolution for excellent visibility.

Features

- Large, responsive 5" 800x480 pixel touch-screen display
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- Large, grade 304 stainless steel pan allows easy cleaning
- RS-232 interface provides speedy connection to computers and printers
- USB host for memory card
- AC adapter included
- Built-in memory for storing products and settings
- External calibration allows for verification and adjustment with weights
- Selectable digital filtering helps minimise effects of vibration and disturbances
- Security password control prevents unauthorised access
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Preset tare function speeds the process of repetitive weighing
- Parts counting with freely selectable sample sizes
- Multilingual display allows use in many different countries
- Memory accumulation totals results
- Checkweighing with audible alarm
- Security slot for optional lock and cable to help prevent theft
- Adam Connect compatible for Bluetooth® data transfer to printers and PCs
- A 5-year warranty means quality assured for years of use.

General Specifications

- Weighing Units: g, mg, ct, GN, lb, oz, dwt, mm, ozt, tl.H, tl.S, tl.T, T, custom unit
- Interface: RS-232/USB
- Power Supply: 24VDC 1A Adapter
- Display: Touchscreen with 13mm high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 10° to 30°C

Models

Model	Capacity	Readability	Pan Size
EAB 124e	120g	0.0001g	80mm ø
EAB 224e	220g	0.0001g	80mm ø
EAB 314e	310g	0.0001g	80mm ø
EAB 125i	62g / 120g	0.01mg/ 0.1mg	80mm ø
EAB 225i	82g / 220g	0.01mg/ 0.1mg	80mm ø
EAB 124i	120g	0.0001g	80mm ø
EAB 224i	220g	0.0001g	80mm ø
EAB 314i	310g	0.0001g	80mm ø
EAB 414i	410g	0.0001g	80mm ø
EAB 514i	510g	0.0001g	80mm ø

Accessories

Part Number	Description
3126011281	ATP thermal printer paper (pack of 10)-3126011281
3126011263	ATP thermal printer paper-3126011263
700660290	Standard Calibration Certificate-700660290
1060014262	Density kit-1060014262
3074010507	RS-232 to USB adapter-3074010507
700100410	ABI-1 Ionizer-700100410
3014011014	RS-232 cable 9M-9F-3014011014
3074010267	USB cable A-B-3074010267
3012014260	In-use cover-3012014260

Part Number	Description
600002028	AdamDU Data Collection Program-600002028
104008036	AVT Anti-vibration table-104008036
1120015779	ATP 2 Thermal Printer-1120015779
BTM	Adam Connect

Luna Analytical Balances



With stylish, modern backlighting, Luna's impressive display gives an aura of smart sophistication. The LCD features large, readily discernible 24mm digits on a black background. Multilingual text and display capability make Luna well-suited for users in various regions. Luna provides USB and RS-232 interfaces for speedy data collection and transmission to computers or printers. ABS plastic construction and rugged grade 304 stainless steel pan mean Luna is easy to clean and can withstand demanding lab use. Available in four models with capacities up to 250g, Luna offers a readability of 0.0001g and can perform basic and detailed measuring tasks.



LCD display with large, bright digits on a black background



USB-A and RS-232 interfaces provide speedy communication with computers



Large, grade 304 stainless steel pan allows for easy cleaning

Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- Large, grade 304 stainless steel pan allows easy cleaning
- Sealed keypad protects against dirt and spills
- USB and RS-232 interfaces provide speedy communication with computers and printers
- AC adapter included
- External calibration allows for verification and adjustment with weights
- Multilingual display allows use in many different countries
- Parts counting with preset sample sizes
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Selectable digital filtering for animal/dynamic weighing enables consistent results for moving subjects
- Auto power-off to save energy
- Security slot for optional lock and cable to help prevent theft
- Hook provided for below-balance weighing
- Adam Connect compatible for Bluetooth® data transfer to printers and PCs
- A 5-year warranty means quality assured for years of use.

General Specifications

- Weighing Units: mg, g, ct, GN, N, dr, oz, ozt, dwt, mm, tl.T, tl.H, tl.S, T, custom unit
- Interface: RS-232/USB
- Power Supply: 18VDC 830mA adapter
- Display: Backlit LCD with 24mm high digits
- Calibration: External calibration
- Housing: ABS plastic
- Operating Temperature: 15° to 35°C

Models

Model	Capacity	Readability	Pan Size
LAB 124e	120g	0.0001g	80mm ø
LAB 214e	210g	0.0001g	80mm ø
LAB 254e	250g	0.0001g	80mm ø
LAB 124i	120g	0.0001g	80mm ø
LAB 214i	210g	0.0001g	80mm ø
LAB 254i	250g	0.0001g	80mm ø

Accessories

Part Number	Description
3126011281	ATP thermal printer paper (pack of 10)-3126011281
3126011263	ATP thermal printer paper-3126011263
700660290	Standard Calibration Certificate-700660290
3021210953	Weigh-below hook-3021210953
3074010507	RS-232 to USB adapter-3074010507
700100410	ABI-1 Ionizer-700100410
1060015357	Density Kit-LUNA DENSITY KIT
3014011014	RS-232 cable 9M-9F-3014011014
3012014260	In-use cover-3012014260
600002028	AdamDU Data Collection Program-600002028
104008036	AVT Anti-vibration table-104008036
1120015779	ATP 2 Thermal Printer-1120015779
3014016565	USB Cable A to A-3014016565
BTM	Adam Connect

Dimensions

