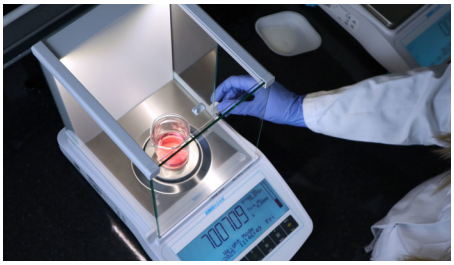
Polaris Semi-Micro Analytical Balances

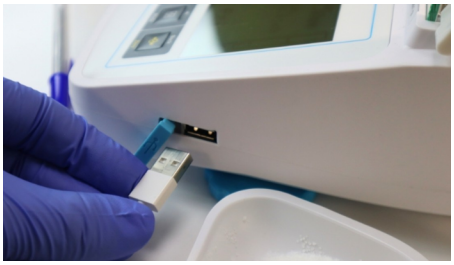


Polaris semi-micro and analytical balances combine a brightly illuminated weighing chamber with advanced connectivity options for streamlined GLP-compliant recordkeeping and communication. Their multi-line display provides clear, step-by-step guidance, rapid weighing results and real-time application status for complete operational clarity. Checkweighing is made more efficient by a color-changing backlight that instantly indicates whether samples fall within user-defined limits.

Polaris offers clarity with every measurement







Features

- Color-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 swift cleaning
- Parts counting with preset sample sizes
- 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 permits use in various regions
- Selectable digital filtering helps minimize 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

Applications

- Weighing
- Parts counting
- Percentage weighing
- Checkweighing
- Check counting
- Display hold
- Dynamic / animal weighing
- Net total weighing
- Density determination
- Formulation
- Accumulation

Adam is the answer.

For more than half a century, Adam has been the answer when accuracy is the priority. Adam scales and balances provide precision solutions for professionals in every industry.

adamequipment.com

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Product details

Model	PAB 125i
Capacity	80g / 120g
Readability	0.00001g / 0.0001g
Accuracy - Repeatability SD >80% lower range	0.00002g
Accuracy - Repeatability SD > 80% upper range	0.0001g
Standard Deviation <5% capacity	0.000020g
USP Minimum Weight (K=2, U=0.10%)	0.03950g
USP Optimized Minimum Weight (USP, K=2, U=0,10%, SRP≤0,41d)	0.00820g
Minimum weight (K=2, U=1%)	0.00395g
Pan Size	3.1" / 80mm ø
Weighing Units	g,mg,ct,GN,ozt,oz,dr,tl.H,tl.T,tol,ti,N,custom unit,mm,tl.S,dwt
Stabilization Time (sec)	5
Interface	RS-232/USB/Ethernet RJ45/Bluetooth
Calibration	Internal automatic calibration , External calibration
Display	Backlit LCD Graphical with 1.0" / 26mm high digits
Display Languages	English / German / French / Spanish / Portuguese / Italian
Power Supply	18VDC 830mA adapter Input Voltage: 100-240V 50/60Hz 0.6A
Housing	ABS plastic
Overall Dimensions	9.3"x15.7"x13.2" / 235x398x336mm
Draft Shield Dimensions	7.6"x8.6"x9.6" / 193x218x243mm
Net Weight	14.8lb / 6.7kg

Accessories

Item Number	Description
104008036	AVT Anti-vibration table
1120015779	ATP 2 Thermal Printer
1120014641	AIP impact printer
3021210954	Big Weigh Below Hook
3014013041	Security lock cable
600002028	AdamDU Data Collection Program
700100410	ABI-1 Ionizer

Key accessories



AVT Anti-vibration table

Our AVT anti vibration table offers a stable and solid surface for decreasing vibrations when weighing with a high precision balance or scale. Typically used alongside semi-micro and analytical balance models.



ATP 2 Thermal Printer

The ATP2 is a compact general purpose thermal roll printer that connects via RS-232 interface to Adam scales and balances.

In the box

Models supplied with:

- AC Mains Power Adapter & Cord|Balance|Draft Shield

Supplied by

Adam follows a policy of continuous improvement and reserves the right to change specification and pricing without notice. Standard terms and conditions of sale apply. Errors and omissions excepted.

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