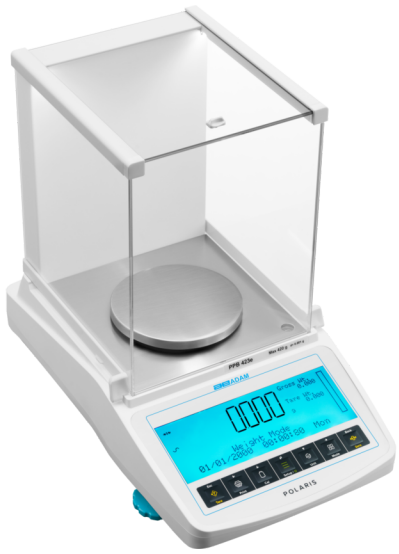
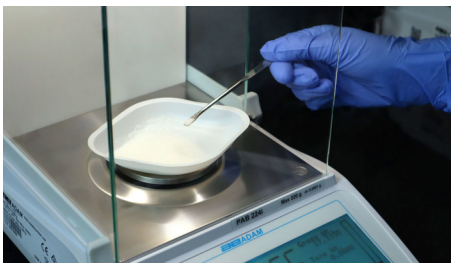
Polaris Precision Balances

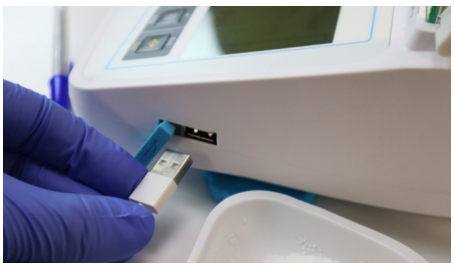


Polaris precision balances offer advanced connectivity options for streamlined GLP-compliant recordkeeping and communication. A multi-line display provides clear, step-by-step guidance, rapid weighing results and real-time application status for complete clarity, while speeding up checkweighing with a color-changing backlight that show whether samples fall within user-defined limits.

Precision and clarity with every measurement







Features

- Store 200,000+ results in the internal memory for full traceability
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Large, grade 304 stainless steel pan allows swift cleaning
- Security slot for optional lock and cable to help prevent theft
- 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
- Bright, LED-lit weighing chamber for clear visibility of samples
- High-resolution graphic display is amply sized for clear visibility
- 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
- 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.

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	PPB 223e	PPB 423e	PPB 623e	PPB 823e	PPB 1223e	PPB 1623e	PTB 2602e	PTB 4602e
Capacity	220g	420g	620g	820g	1220g	1620g	2600g	4600g
Readability	0.001g						0.01g	
Standard Deviation <5% capacity	0.0007g						0.007g	
USP Minimum Weight (K=2, U=0.10%)	1.343g	1.405g	1.382g	1.311g	1.350g		13.10g	13.76g
USP Optimized Minimum Weight (USP, K=2, U=0,10%, SRP≤0,41d)	0.820g						8.20g	
Minimum weight (K=2, U=1%)	0.134g	0.140g	0.138g	0.131g	0.135g		1.31g	1.38g
Weighing Zone Dimensions	4.7" / 120mm ø						7.3" x 7.3" / 185 x 185mm	
Detection Width	" - " / - mm							
Detection Height	" - " / - mm							
Pan Size	4.7" / 120mm ø						7.3" x 7.3" / 185 x 185mm	
Weighing Units	g,mg,ct,dwt,GN,ozt,oz,dr,tl.H,tl.S,tl.T,mm,T,ti,N,custom unit							
Stabilization Time (sec)	3						2	
Interface	RS-232/USB							
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"x13.0" / 235x398x331mm						9.3"x15.7"x3.9" / 235x398x100mm	
Draft Shield Dimensions	7.6"x8.6"x9.6" / 193x218x243mm							
Net Weight	11.5lb / 5.2kg		14.1lb / 6.4kg				7.5lb / 3.4kg	

Model	PTB 6202e	PTB 8202e	PBB 6001e	PBB 12001e	PBB 16001e	PPB 223i	PPB 423i	PPB 623i
Capacity	6200g	8200g	6000g	12000g	16000g	220g	420g	620g
Readability	0.01g			0.1g			0.001g	
Standard Deviation <5% capacity	0.007g	0.006g	0.01g	0.03g			0.0007g	
USP Minimum Weight (K=2, U=0.10%)	14.94g	12.47g	28.3g	58.9g	59.6g	1.343g	1.405g	1.382g
USP Optimized Minimum Weight (USP, K=2, U=0,10%, SRP≤0,41d)	8.20g			82.0g			0.820g	
Minimum weight (K=2, U=1%)	1.49g	1.25g	2.8g	5.9g	6.0g	0.134g	0.140g	0.138g
Weighing Zone Dimensions	7.3" x 7.3" / 185 x 185mm					4.7" / 120mm ø		
Detection Width	" - " / - mm							
Detection Height	" - " / - mm							
Pan Size	7.3" x 7.3" / 185 x 185mm					4.7" / 120mm ø		
Weighing Units	g,mg,ct,dwt,GN,ozt,oz,dr,tl.H,tl.S,tl.T,mm,T,ti,N,custom unit							
Stabilization Time (sec)	2					3		
Interface	RS-232/USB							
Calibration	External 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"x3.9" / 235x398x100mm					9.3"x15.7"x13.0" / 235x398x331mm		

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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Product details

Model	PTB 6202e	PTB 8202e	PBB 6001e	PBB 12001e	PBB 16001e	PPB 223i	PPB 423i	PPB 623i
Draft Shield Dimensions						7.6"x8.6"x9.6" / 193x218x243mm		
Net Weight	7.5lb / 3.4kg					12.3lb / 5.6kg		15.2lb / 6.9kg

Model	PPB 823i	PPB 1223i	PPB 1623i	PTB 2602i	PTB 4602i	PTB 6202i
Capacity	820g	1220g	1620g	2600g	4600g	6200g
Readability	0.001g			0.01g		
Standard Deviation <5% capacity	0.0007g			0.007g		
USP Minimum Weight (K=2, U=0.10%)	1.311g	1.350g		13.10g	13.76g	14.94g
USP Optimized Minimum Weight (USP, K=2, U=0,10%, SRP≤0,41d)	0.820g			8.20g		
Minimum weight (K=2, U=1%)	0.131g	0.135g		1.31g	1.38g	1.49g
Weighing Zone Dimensions	4.7" / 120mm ø			7.3" x 7.3" / 185 x 185mm		
Detection Width	" - " / - mm					
Detection Height	" - " / - mm					
Pan Size	4.7" / 120mm ø			7.3" x 7.3" / 185 x 185mm		
Weighing Units	g,mg,ct,dwt,GN,ozt,oz,dr,tl.H,tl.S,tl.T,mm,T,ti,N,custom unit					
Stabilization Time (sec)	3			2		
Interface	RS-232/USB					
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"x13.0" / 235x398x331mm			9.3"x15.7"x3.9" / 235x398x100mm		
Draft Shield Dimensions	7.6"x8.6"x9.6" / 193x218x243mm					
Net Weight	15.2lb / 6.9kg	15.6lb / 7.1kg		9.7lb / 4.4kg	10.6lb / 4.8kg	

Accessories

Item Number	Description
1120014641	AIP impact printer
600002028	AdamDU Data Collection Program
3014013041	Security lock cable
1120015779	ATP 2 Thermal Printer
BTM	Adam Connect

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.

Supplied by

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