Nimbus® Precision Balances

ADAM®

Nimbus precision balances feature durable construction and easy operation. With readabilities from 0g to 0.1g, capacities from 220g to 22kg, plus USB and RS-232 connections, the Nimbus precision balance provides a streamlined weighing experience. Innovative design enables a compact footprint, so the balance occupies minimal space but retains a high level of performance. Solid metal construction throughout the balance provides the durability to withstand chemicals and rigorous daily use. The weighing sensor in the Nimbus contains fewer parts than a traditional force motor balance. Efficient mechanics plus improved electronics provide more consistent readings. With numerous weighing units including a customizable unit, Nimbus capably handles parts counting, percentage weighing, density measurement for liquids or solids, and dynamic/animal weighing. Nimbus precision balances with 0.001g (1mg) readability have a round glass shield to help minimize effects of air movement.

Innovative design combined with powerful performance in a premier balance

Features
- Vivid, backlit LCD easily visible in any lighting conditions
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- Removable draft shield on models with 0.001g readability helps to reduce errors caused by air currents
- Robust metal housing protects internal components in harsh environments
- Sealed keypad protects against dirt and spills
- USB and RS-232 interfaces provide speedy communication with computers and printers
- Large, grade 304 stainless steel pan allows swift cleaning
- Vivid, backlit LCD easily visible in any lighting conditions
- Lockdown device to secure balance
- Grab handles for safely lifting the balance
- External calibration allows for verification and adjustment with weights
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Selectable digital filtering helps minimize effects of vibration and disturbances
- Zero-tracking feature ensures display returns to zero reading
- Multilingual display permits use in various regions
- AC adapter included

Applications
- Weighing
- Parts counting
- Percentage weighing
- Dynamic / animal weighing
- Density determination

About ADAM:

For more than 40 years, professionals worldwide have relied on Adam Equipment for an extensive selection of dependable and affordable weighing equipment. Adam provides the right balance of speed, performance and value.

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Model - External Calibration	NBL 223e	NBL 423e	NBL 623e	NBL 823e	NBL 1602e	NBL 2602e	NBL 3602e	NBL 4602e	NBL 4201e	NBL 6201e	NBL 8201e	NBL 12001e	NBL 16001e	NBL 22001e
Model - Internal Calibration	NBL 223i	NBL 423i	NBL 623i	NBL 823i	NBL 1602i	NBL 2602i	NBL 3602i	NBL 4602i				NBL 12001P	NBL 16001P	NBL 22001P
Capacity	220g	420g	620g	820g	1600g	2600g	3600g	4600g	4200g	6200g	8200g	12000g	16000g	22000g
Readability	0.001g	0.001g	0.001g	0.001g	0.01g	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g	0.1g	0.1g	0.1g
Repeatability (S.D.)	0.002g	0.002g	0.002g	0.002g	0.02g	0.02g	0.02g	0.02g	0.2g	0.2g	0.2g	0.2g	0.2g	0.2g
Linearity (+/-)	0.002g	0.002g	0.002g	0.002g	0.02g	0.02g	0.02g	0.02g	0.2g	0.2g	0.2g	0.4g	0.4g	0.4g
Pan Size	4.7" ø / 120mm ø	6.3" ø / 160mm ø										15.7"x11.8" / 400x300mm		
Weighing Units	g, mg, ct, GN, N, oz, ozt, dwt, T, custom unit													
Stabilization Time (sec)	3													
Interface	RS-232, USB													
Calibration	External calibration													
Display	Backlit LCD with 0.8"/ 20mm -high digits													
Power Supply	18VDC 830mA adapter													
Operating Temperature	15° to 35°C / 59° to 95°F													
Housing	Extruded aluminum base with a die-cast aluminum case													
Draft Shield	Round 7.1" ø x 4.3" / 180mm ø x 110mm	N/A												
Overall Dim.	8.7"x12.2"x10.6" / 220x310x270mm (wxdxh)	8.7"x12.2"x3.5" / 220x310x90mm (wxdxh)										15.7"x18.9"x3.9" / 400x480x100mm 15.7"x18.9"x23.2" / 400x480x590mm (wxdxh)		
Net Weight	6.8lb / 3.1kg											16.8lb / 7.6kg		

Accessories

Item number	Description
104008036	Anti-vibration table
2010012712	Rechargeable Battery Pack
1060012714	Density kit for 4.7" ø / 120mm ø and 6.3" ø / 160mm ø pan
3012313008	Dust cover for 0.01g and 0.001g
3012013010	In-use wet cover for 4.7" ø / 120mm ø and 6.3" ø / 160mm ø pan
3012013012	In-use wet cover for 15.7"x11.8" / 400x300mm pan
3074010267	USB cable
3014011014	RS-232 cable M-F
1120011156	ATP thermal printer
3126011263	ATP thermal printer paper
3126011281	ATP thermal printer paper (pack of 10)
600002028	AdamDU Data Collection Program
3021210953	Weigh-below hook
302126013	Weigh-below hook for 15.7"x11.8" / 400x300mm pan
700660290	Calibration certificate
3014013041	Security lock cable
700100207	E2 1g to 200g Calibration Weight Set Includes case to store weights
700100049	F1 1g -200g Calibration Weight Set Includes case to store weights
700100042	F1 1g - 500g Calibration Weight Set Includes case to store weights
700100027	F1 1g - 100g Calibration Weight Set Includes case to store weights
700100070	F1 1g - 2kg Calibration Weight Set Includes case to store weights
700100008	F1 500g Calibration Weight
700100007	F1 100g Calibration Weight
700100009	F1 1kg Calibration Weight
700100012	F1 200g Calibration Weight
700100010	F1 2kg Calibration Weight
700100013	F1 5kg Calibration Weight
700100232	E2 50g Calibration Weight
700100022	E2 100g Calibration Weight
700100023	E2 200g calibration weight

Key Accessories

Anti-vibration table
The AVT anti-vibration table offers a solid, stable surface to help decrease vibration during the operation of analytical or precision balances. The AVT can help reduce fluctuations and inconsistency in measurement resulting from environmental affects.

ATP thermal printer
Easy-to-use features combined with quick set-up equals a truly versatile thermal printer. A single push-button feed key and three easy-to-read LED indicators make operation simple.

AdamDU data collection program
Adam DU software connects a balance to the laboratory network, helping to achieve seamless data collection, transfer and analysis. DU features an easy-to-use interface with a main command window, allowing users to quickly collect information from up to eight Adam balances simultaneously using RS-232 or USB connections.

Supplied by

www.adamequipment.com