Nimbus® Precision Balances

Nimbus precision balances feature durable construction and easy operation. With readabilities from 0.001g to 0.1g, the Nimbus precision balance provides a streamlined weighing experience. Small pan precision models have 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. Efficient mechanics plus improved electronics provide readings that are consistent and reliable. Nimbus precision balances with 0.001g (1mg) readability have a removable round glass shield to help minimise effects of air movement.

Innovative design combined with powerful performance in a premier balance

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
- Removable draught 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 easy cleaning
- Vivid, backlit LCD easily visible in any lighting conditions
- Lockdown device to secure 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 minimise effects of vibration and disturbances
- Zero-tracking feature ensures display returns to zero reading
- Multilingual display allows use in many different countries
- 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	120mm ø			160mm ø								400x300mm		
Weighing Units	g, mg, ct, GN, N, oz, ozt, dwt, T, custom unit													
Stabilisation Time (sec)	3													
Interface	RS-232, USB													
Calibration	External calibration / Internal automatic calibration							External calibration						
Display	Backlit LCD with 20mm -high digits													
Power Supply	18VDC 50/60Hz 830mA adapter													
Operating Temperature	15° to 35℃													
Housing	Extruded aluminum base with a die-cast aluminum case													
Draught Shield	Round 180mm ø x 110mm			N/A										
Overall Dim.	220x310x270mm (wxdxh)											400x480x100mm (wxdxh) 400x480x590mm (wxdxh)		
Net Weight	3.1kg											7.6kg		

Accessories

Item number	Description
104008036	Anti-vibration table
1060012714	Density kit for 120mm ø and 160mm ø pan
3012313008	Dust cover for 0.01g and 0.001g balances
3012013010	In-use wet cover for 120mm ø and 160mm ø pan
1120011156	ATP thermal printer
3126011263	ATP thermal printer paper
3126011281	ATP thermal printer paper (pack of 10)
3014011014	RS-232 cable
600002028	Adam DU data collection program
3074010267	USB cable
3021210953	Weigh-below hook
3014013041	Security cable
700660290	Calibration certificate
700100207	E2 1g - 200g Calibration Weight Set
700100027	F1 1g - 100g Calibration Weight Set
700100070	F1 1g - 2kg Calibration Weight Set
700100022	E2 100g Calibration Weight
700100023	E2 200g Calibration Weight
700100049	F1 1g - 200g Calibration Weight Set
700100042	F1 1g - 500g Calibration Weight Set
700100232	E2 50g Calibration Weight
700100209	F1 2 x 5kg Calibration Weight
700100007	F1 100g Calibration Weight
700100013	F1 5kg Calibration Weight
700100012	F1 200g Calibration Weight
700100008	F1 500g Calibration Weight
700100009	F1 1kg Calibration Weight
700100010	F1 2kg 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