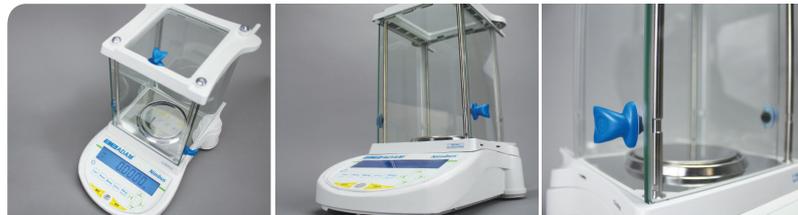# Nimbus® Analytical Balances

ADAM®

Nimbus analytical balances feature durable construction and easy operation. With readabilities of 0.0001g, the Nimbus analytical 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. An efficient mechanism plus improved electronics provide more consistent readings. Nimbus analytical balances have a glass-enclosed weighing chamber, which disassembles quickly for cleaning.

Innovative design combined with powerful performance in a premier balance

Features

- 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
- 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
- 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.

Nimbus® Analytical Balances

ADAM®

Product Details

Model - External Calibration	NBL 84e	NBL 124e	NBL 164e	NBL 214e	NBL 254e
Model - Internal Calibration	NBL 84i	NBL 124i	NBL 164i	NBL 214i	NBL 254i
Capacity	80g	120g	160g	210g	250g
Readability	0.0001g				
Repeatability (S.D.)	0.0002g	0.0001g	0.0001g	0.0001g	0.0001g
Linearity (+/-)	0.0002g	0.0003g	0.0003g	0.0003g	0.0003g
Minimum Weight (USP, Typical)	0.01g	0.01g	0.01g	0.01g	0.01g
Pan Size	90mm ø				
Weighing Units	g, mg, ct, GN, N, oz, ozt, dwt, T, custom unit				
Stabilisation Time (sec)	3	4	4	4	4
Interface	RS-232, USB				
Calibration	External calibration / Internal automatic calibration				
Display	Backlit LCD with 20mm -high digits				
Power Supply	18VDC 50/60Hz 830mA adapter				
Operating Temperature	15° to 35°C				
Housing	Extruded aluminum base with a die-cast aluminum case				
Draught Shield	Chamber 165x145x240mm				
Overall Dim.	220x340x344mm (wxdxh)				
Net Weight	5.25kg / 5.85kg				

Accessories

Item number	Description
104008036	Anti-vibration table
3074010267	USB cable
1060012713	Density kit for 90mm ø
3012313007	Dust cover for 0.1mg balances
3012013009	In-use cover for 90mm ø pan
1120011156	ATP thermal printer
3126011263	ATP thermal printer paper
3126011281	ATP thermal printer paper (pack of 10)
3014011014	RS-232 cable M-F
600002028	Adam DU data collection program
3021210953	Weigh-below hook
700660290	Calibration certificate
3014013041	Security cable
700100207	E2 1g - 200g Calibration Weight Set
700100022	E2 100g Calibration Weight
700100023	E2 200g Calibration Weight
700100232	E2 50g 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.co.uk