



Nimbus[®] Precision Balances

Designed for scientists, the Nimbus series of balances offers 15 models that deliver a full breadth of precision readabilities ranging from 0.1mg to 0.1g. Innovative design enables a compact footprint, so it occupies minimal space but retains the highest level of performance. The Nimbus base is formed from a single piece of extruded aluminum, a material that provides superior temperature regulation. The single-piece construction offers greater stability, producing highly repeatable results. The weighing sensor in the Nimbus is crafted from a single block, and contains fewer parts than a traditional force motor balance. This optimized internal mechanism is fabricated using hardened materials, helping the Nimbus tolerate rigorous laboratory use. Efficiency in the mechanics, plus improved processing power of the electronics, leads to excellent performance.



Nimbus Precision Balances

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 adjusting 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 accidental spills
- USB and RS-232 interfaces provide easy communication with computers and printers
- 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
- AC adapter included

Applications

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

Model	NBL 84e	NBL 124e	NBL 164e	NBL 214e	NBL 223e	NBL 423e	NBL 2602e	NBL 3602e	NBL 4602e	NBL 4201e	NBL 6201e	NBL 8201e	NBL 12001e	NBL 16001e	NBL 22001e
Capacity	80g	120g	160g	210g	220g	420g	2600g	3600g	4600g	4200g	6200g	8200g	12000g	16000g	22000g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.001g	0.001g	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g	0.1g	0.1g	0.1g
Repeatability (S.D.)	0.00015g	0.00015g	0.0002g	0.0002g	0.002g	0.002g	0.02g	0.02g	0.02g	0.2g	0.2g	0.2g	0.2g	0.2g	0.2g
Linearity (+/-)	0.0002g	0.0002g	0.0002g	0.0002g	0.002g	0.002g	0.02g	0.02g	0.02g	0.2g	0.2g	0.2g	0.4g	0.4g	0.4g
Pan Size	90mm ø			120mm ø			160mm ø					400x300mm			
Weighing Units	g, mg, ct, GN, oz, ozt, dwt, custom unit						g, kg, ct, GN, N, lb, oz, ozt, dwt, custom unit								
Stabilisation Time (sec)	3														
Interface	RS-232 / USB														
Calibration	External calibration														
Display	Backlit LCD with 20mm-high digits														
Power Supply	18VDC 50/60Hz 800mA adapter					18VDC 50/60Hz 800mA adapter / Internal rechargeable battery									
Operating Temperature	15° to 35°C														
Housing	Extruded aluminum base														
Draught Shield	Chamber 165x145x240mm				Round 180mm ø x 110mm		N/A								
Overall Dim.	220x340x344mm (wxdxh)				220x310x270mm (wxdxh)		220x310x89mm (wxdxh)					401x460x102mm (wxdxh)			
Net Weight	5.5kg				4.5kg					7.3kg					

Accessories

- 104008036 Anti-vibration table
- 2011013014 Density kit for 90mm and 120mm pan
- 2011013015 Density kit for 160mm pan
- 3012313008 Dust cover for top loaders
- 3012313009 In-use cover for 90mm pan
- 3012313010 In-use cover for 120mm pan
- 3012313011 In-use cover for 160mm pan
- 3012313012 In-use cover for 300mm x 400mm
- 1120011156 ATP Adam thermal printer
- 3126011263 Thermal paper for item no. 1120011156 ATP printer
- 3126011281 Thermal paper for item no. 1120011156-ATP printer (pack of 10)
- 3014011014 RS-232 Cable
- 600002028 Adam DU data collection program
- 3074010267 USB Cable
- 3011413013 Weigh below hook
- 3012313007 Dust cover for 0.1mg balances

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.

Supplied by: