

Nimbus® Precision Balance



Nimbus® Precision and Analytical Balances offers a range of units providing reliable and accurate measurements.

Rating: Not Rated Yet

Price

[Ask a question about this product](#)

Description

The Nimbus® Precision and Analytical Balance family incorporates a range of units with readabilities ranging from 0.1mg to 0.1g.

Applications:

- Weighing
- Percentage weighing
- Dynamic / animal weighing
- Parts counting
- Check weighing
- Density determination of liquids and solids

Features:

- Backlit LCD Display
- Colour coded keys
- Level Indicator with adjustable levelling feet
- Removable draft shield supplied on 0.001g readabilities
- Robust metal housing
- Sealed keypad
- External calibration
- Pan lifter to easily remove samples

Nimbus® Precision Balance Range Summary:

Balances & Scales: Nimbus® Precision Balance

Model	NBL 46	NBL 124	NBL 164	NBL 214	NBL 254	NBL 233	NBL 423	NBL 623	NBL 623s
Capacity	100g	120g	160g	210g	250g	220g	420g	620g	620g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g	0.001g	0.001g	0.001g	0.001g
Repeatability (S.D.)	0.00015g	0.00015g	0.0002g	0.0002g	0.0002g	0.002g	0.002g	0.002g	0.002g
Linearity (±%)	0.0002g	0.0002g	0.0002g	0.0002g	0.0002g	0.002g	0.002g	0.002g	0.002g
Pan Size	90mm ø				120mm ø				
Weighing Units	g, mg, ct, GR, oz, dwt, custom unit				g, kg, ct, GR, N, lb, oz, dwt, custom unit				
Stabilization Time (sec)	3				3				
Interface	RS-232 / USB								
Calibration	External calibration / Internal calibration (models ending with 0)								
Display	Backlit LCD with 20mm high digits								
Power Supply	18VDC, 800mA adapter								
Operating Temperature	0° to 40°C / 32° to 104°F								
Housing	Extruded aluminum base								
Draft Shield	Chamber 165x145x280mm				Round 180mm ø x 110mm				
Overall Dim.	220x140x140mm (width)				220x180x270mm (width)				
Net Weight	5.5kg				4.5kg				

Model	NBL 1600	NBL 3600	NBL 3600s	NBL 4600	NBL 6210	NBL 6210s	NBL 8200	NBL 12001	NBL 16001	NBL 20001
Capacity	1600g	3600g	3600g	4600g	4200g	6200g	8200g	12000g	16000g	20000g
Readability	0.01g	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g	0.1g	0.1g	0.1g
Repeatability (S.D.)	0.02g	0.02g	0.02g	0.02g	0.2g	0.2g	0.2g	0.2g	0.2g	0.2g
Linearity (±%)	0.04g	0.02g	0.02g	0.02g	0.2g	0.2g	0.2g	0.2g	0.2g	0.2g
Pan Size	160mm ø			400x300mm						
Weighing Units	g, kg, ct, GR, N, lb, oz, dwt, custom unit									
Stabilization Time (sec)	3									
Interface	RS-232 / USB									
Calibration	External calibration / Internal calibration (models ending with 0)									
Display	Backlit LCD with 20mm high digits									
Power Supply	18VDC, 800mA adapter									
Operating Temperature	0° to 40°C / 32° to 104°F									
Housing	Extruded aluminum base									
Overall Dim.	220x110x270mm (width)				401x460x102mm (width)					
Net Weight	4.5kg				7.5kg					

Accessories:

- Anti-Vibration Table
- Density kit for 90mm and 120mm pan
- Density kit for 160mm pan
- Dust cover for top loaders
- In-use cover for 90mm pan
- In-use cover for 120mm pan
- In-use cover for 160mm pan
- In-use cover for 300mm x 400mm
- ATP Adam thermal printer
- ATP printer paper
- RS-232 cable
- Adam DU data collection program
- USB Cable
- Weigh-below hook
- Dust cover for 0.1mg balances
- Battery pack

Features that make the Nimbus an outstanding value



Steady Setup
Adjustable eye feet allow swift fine-tuning while repositioning the leveling indicator located prominently on the balance's front.

Multiple Connections
USB and RS-232 interfaces facilitate data communication with printers and computers.

Vivid Display
All pertinent information is easily viewed on the large backlit display.

Below-Balance Weighing
For applications that require weighing beneath the balance, the hook is readily accessible.

Intuitive Keypad
Dual tone keys are color coded, providing easy recognition. Balance functions and features are easy to navigate using the cursor keys to access the full selection of weighing modes.