Nimbus® Precision & Analytical Balances

A distinctive design with advanced features allows the Nimbus series of balances to bring a superior weighing experience to every laboratory. Analytical models have an enclosed weighing chamber made of clear glass to provide an unobstructed view of samples. With a reduced footprint, the Nimbus occupies less space in the laboratory than comparable balances, while retaining precision performance. A single piece of extruded aluminum provides a solid base to offer greater stability. The weighing system is fabricated using hardened materials capable of tolerating rigorous laboratory use. Crafted from a single block, the weighing sensor in the Nimbus contains fewer parts than a traditional force motor balance, improving the lifespan of the balance. Highly efficient mechanics combined with improved electronic processing power leads to increased balance efficiency and consistent results. Communication with printers, computers and other peripheral devices is facilitated through the standard USB and RS-232 interfaces. The Nimbus family comprises 15 models that deliver a full range of precision readabilities from 0.1mg to 0.1g.

Features
- Vivid, backlit LCD easily visible in any lighting conditions
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Robust metal housing protects internal components in harsh environments
- 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
- Large, grade 304 stainless steel pan allows easy cleaning

Model w/ ext	NBL 84e	NBL 124e	NBL 164e	NBL 214e	NBL 254e	NBL 223e	NBL 423e	NBL 623e	NBL 823e
Model w/ int	NBL 84i	NBL 124i	NBL 164i	NBL 214i	NBL 254i	NBL 223i	NBL 423i	NBL 623i	NBL 823i
Capacity	80g	120g	160g	210g	250g	220g	420g	620g	820g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g	0.001g	0.001g	0.001g	0.001g
Tare Range	Full range								
Pan Size	90mm ø					120mm ø		160mm Ø	
Weighing Units	g, mg, ct, GN, oz, ozt, dwt, T, custom unit								
Calibration	External calibration / Internal calibration								
Display	Backlit LCD with 20mm-high digits								
Power Supply	18VDC 50/60Hz 830mA adapter								
Draught Shield	Chamber 165x145x240mm					Round 180mm ø x 110mm			
Operating Temp.	15° to 35°C								
Overall Dim.	220x340x344mm (wxdxh)					220x310x270mm (wxdxh)			

Accessories

Item number | **Description**

- 104008036   Anti-vibration table
- 2011013014   Density kit for 90mm ø and 120mm ø pan
- 2011013015   Density kit for 160mm ø pan
- 3012313008   Dust cover for120mm and 160mm pan
- 3012313009   In-use cover for 90mm ø pan
- 3012313010   In-use cover for 120mm ø pan
- 3012313011   In-use cover for 160mm ø pan
- 3012313012   In-use cover for 400x300mm
- 1120011156   ATP Adam thermal printer
- 3126011263   ATP printer paper
- 3126011281   ATP printer paper (pack of 10)
- 3014011014   RS-232 cable
- 600002028   Adam DU data collection program
- 3074010267   USB cable
- 3011413013   Weigh-below hook
- 2010012712   Battery pack (factory installed, available on select models)
- 2010012741   Pillar option for 400x300mm pan
- 3012313007   Dust cover for 90mm pan
- 3014013041   Security lock cable

Applications

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

Model w/ ext	NBL 1602e	NBL 2602e	NBL 3602e	NBL 4602e	NBL 6202e	NBL 4201e	NBL 6201e	NBL 8201e
Model w/ int	NBL 1602i	NBL 2602i	NBL 3602i	NBL 4602i	NBL 6202i			
Capacity	1600g	2600g	3600g	4600g	6200g	4200g	6200g	8200g
Readability	0.01g	0.01g	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g
Tare Range	Full range							
Pan Size	160mm Ø							
Weighing Units	g, kg, ct, GN, N, lb, oz, lb:oz, ozt, dwt, T, custom unit							
Calibration	External calibration / Internal calibration					External calibration		
Display	Backlit LCD with 20mm-high digits							
Power Supply	18VDC 50/60Hz 830mA adapter							
Operating Temperature	15° to 35°C							
Overall Dim.	220x310x270mm (wxdxh)	220x310x89mm (wxdxh)						

Model	NBL 12001e	NBL 16001e	NBL 22001e
Capacity	12000g	16000g	22000g
Readability	0.1g	0.1g	0.1g
Tare Range	Full range		
Pan Size	400x300mm		
Weighing Units	g, kg, ct, GN, N, lb, oz, lb:oz, ozt, dwt, T, custom unit		
Calibration	External calibration		
Display	Backlit LCD with 20mm-high digits		
Power Supply	18VDC 50/60Hz 830mA adapter		
Operating Temperature	15° to 35°C		
Overall Dim.	401x460x102mm (wxdxh)		