Nimbus® Precision Balances

ADAM®

Nimbus precision balances feature durable construction and easy operation. With a readability of 0.1g, capacities from 1200g to 2200g, plus USB and RS-232 connections, the Nimbus precision 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. The weighing sensor in the Nimbus contains fewer parts than a traditional force motor balance. Efficient mechanics plus improved electronics provide more consistent readings. With numerous weighing units including a customizable unit, Nimbus capably handles parts counting, percentage weighing, density measurement for liquids or solids, and dynamic/animal weighing.

Innovative design combined with powerful performance in a premier balance

Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Color-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 draft 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 swift cleaning
- Vivid, backlit LCD easily visible in any lighting conditions
- Lockdown device to secure balance
- Grab handles for safely lifting the 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 minimize effects of vibration and disturbances
- Zero-tracking feature ensures display returns to zero reading
- Multilingual display permits use in various regions
- AC adapter included

Applications

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

About ADAM:

For more than 45 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® Precision Balances

Model	NBL 12001e	NBL 16001e	NBL 22001e	NBL 12001P	NBL 16001P	NBL 22001P
Capacity	12000g	16000g	22000g	12000g	16000g	22000g
Readability	0.1g	0.1g	0.1g	0.1g	0.1g	0.1g
Repeatability (S.D.)	0.2g	0.2g	0.2g	0.2g	0.2g	0.2g
Linearity (+/-)	0.4g	0.4g	0.4g	0.4g	0.4g	0.4g
Pan Size	15.7"x11.8" / 400x300mm					
Weighing Units	g, mg, ct, GN, N, oz, ozt, dwt, T, custom unit					
Stabilization Time (sec)	3					
Interface	RS-232, USB					
Calibration	External calibration					
Display	Backlit LCD with 0.8"/ 20mm -high digits					
Power Supply	18VDC 830mA adapter					
Operating Temperature	15° to 35°C / 59° to 95°F					
Housing	Extruded aluminum base with a die-cast aluminum case					
Pillar	N/A			Yes		
Overall Dim.	15.7"x18.9"x3.9" / 400x480x100mm			15.7"x18.9"x23.2" / 400x480x590mm (wxdxh)		
Net Weight	16.8lb / 7.6kg					

Accessories

Item number	Description
104008036	Anti-vibration table
2010012712	Rechargeable Battery Pack
3012013012	In-use wet cover for 15.7"x11.8" / 400x300mm pan
3012013010	In-use cover
1120014641	AIP impact printer
3126014659	AIP printer paper
3126014660	AIP printer paper (10 Pack)
3074010267	USB cable
3014011014	RS-232 cable M-F
1120011156	ATP thermal printer
3126011263	ATP thermal printer paper
3126011281	ATP thermal printer paper (pack of 10)
600002028	AdamDU Data Collection Program
302126013	Weigh-below hook for 15.7"x11.8" / 400x300mm pan
700660290	Calibration certificate
700100209	F1 2 x 5kg 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.com