# **Nimbus**® Analytical Balances



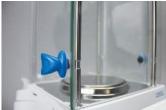


Nimbus analytical balances feature durable construction and easy operation. With readabilities of 0.0001g, the Nimbus analytical balance provides a streamlined weighing experience. Innovative design enables a compact footprint, so the balance occupies minimal space but retains a high level of performance. 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 guickly for cleaning.

## Innovative design combined with powerful performance in a premier balance







## **Features**

- · 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
- · 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
- · 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 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.





## **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	3.5" ø / 90mm ø				
Weighing Units	g, mg, ct, GN, N, oz, ozt, dwt, T, custom unit				
Stabilization Time (sec)	3	4	4	4	4
Interface	RS-232, USB				
Calibration	e = External calibration / i = Internal automatic 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				
Draft Shield	Chamber 6.5"x5.7"x9.4" / 165x145x240mm				
Overall Dim.	8.7"x13.4"x13.5" / 220x340x344mm (wxdxh)				
Net Weight	e=11.6lb / 5.25kg i=12.9lb / 5.85kg				

### **Accessories**

3012313007	Anti-vibration table Density kit for 3.5" ø / 90mm ø pan Dust cover for 0.1mg balances In-use wet cover for 3.5" ø / 90mm ø pan USB cable RS-232 cable M-F ATP thermal printer ATP thermal printer paper ATP thermal printer paper (pack of 10) AdamDU data collection program Weigh-below hook Calibration certificate
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## **Key Accessories**



## 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.



## 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.



## 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