

## APEX Series

Analytical and Toploading Balances



# APEX Series Economical Balances

The performance you need at the price you want

**The APEX-Series balances from Denver Instrument offer simplicity, accuracy and reliability at economical prices. Comprehensive features make these instruments ideal for laboratory, industrial and educational environments.**

**Value priced.** Ideal for those who demand quality even on a limited budget. The APEX-Series balance is the economical solution to your weighing needs.

**Newest technology.** APEX-Series balances incorporate the latest in single-block weighing technology, for quicker response times and accurate, repeatable results.

**Easy operation.** Large “Zero” key provides quick taring. Basic weighing is effortless. Use menu-driven operation for more advanced weighing features.

**Multiple weighing modes.** With the press of a single key, toggle between four weigh units: grams, pennyweight, ounces and one-user selected unit including grains, carats, pounds, troy ounces, or tael.



## Features Include:

- Large, easy to read LCD
- Automatic external calibration
- Multiple weigh units: grams, ounces, troy ounces, pennyweight, carats, grains, pounds and tael
- Parts counting
- Percentage weighing
- Level indicator
- Leveling feet
- Simple, menu operation
- Stainless-steel weighing pan
- Overload protection
- RS232C interface

**Parts counting.** APEX-Series balances are ideal for inventory and process control. Simply place the reference quantity (10, 20, 50 or 100 pieces) on the pan and the balance will do the rest. Add or subtract pieces for an accurate piece count.

**Percent weighing.** The versatile features of these balances allow measurement of a percent proportional to a reference weight. Eliminate human errors by seeing the weight increase or decrease in percentage points instead of typical weighing units.

**Calibration is a snap.** Use a precision external weight to assure that every reading is accurate. Enter the calibration menu, add the calibration weight and instantly the balance completes the calibration.

**RS232 interface.** Connect the APEX-Series balance to a computer or printer for a permanent record of results. Press the "Print" key and the results are transferred automatically. Easy to integrate into a GLP or ISO program.

**Built to last.** These balances are constructed to withstand the rigors of diverse environments from educational to industrial use. The solid construction and simplistic operation makes this the balance of choice.





Analytical Models:  
APX-60, APX-100, APX-200



Toploading Models:  
APX-153, APX-203, APX-323 (also available with analytical draft shield)  
APX-402, APX-602, APX-1502



Toploading Models:  
APX-2001, APX-4001, APX-6001

Model	APX-60	APX-100	APX-200	APX-153	APX-203	APX-323
Capacity	60g	100g	200g	150g	200g	320g
Readability	0.1mg	0.1mg	0.1mg	0.001g	0.001g	0.001g
Taring Range	0 to 60g	0 to 100g	0 to 200g	0 to 150g	0 to 200g	0 to 320g
Repeatability	0.1mg	0.1mg	0.1mg	0.001g	0.001g	0.001g
Linearity	±0.2mg	±0.2mg	±0.2mg	±0.002g	±0.002g	±0.002g
Pan Size	3.1" dia. (79mm)	3.1" dia. (79mm)	3.1" dia. (79mm)	4.5" dia. (114mm)	4.5" dia. (114mm)	4.5" dia. (114mm)

Model	APX-402	APX-602	APX-1502	APX-3202	APX-2001	APX-4001	APX-6001
Capacity	400g	600g	1500g	3200g	2000g	4000g	6000g
Readability	0.01g	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g
Taring Range	0 to 400g	0 to 600g	0 to 1500g	0 to 3200g	0 to 2000g	0 to 4000g	0 to 6000g
Repeatability	0.01g	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g
Linearity	±0.02g	±0.02g	±0.02g	±0.02g	±0.2g	±0.2g	±0.2g
Pan Size	4.5" dia. (114mm)	4.5" dia. (114mm)	4.5" dia. (114mm)	5.9" dia. (150mm)	5" x 7" (127 x 178mm)	5" x 7" (127 x 178mm)	5" x 7" (127 x 178mm)

**Common Specifications:**

Analytical Unit Dimensions (LxWxH): 12.6 x 8.7 x 12.8" (320 x 221 x 325mm)  
 Analytical Chamber Dimensions (LxWxH): 6.25 x 7.5 x 9.25 (159 x 191 x 235mm)  
 Height Above Pan: 8.8" (224mm)  
 Analytical Net Weight: 9.0 lbs. (4.1kg)  
 Toploader Unit Dimensions (LxWxH): 12.7 x 8.8 x 3.0" (322 x 224 x 76mm)  
 Toploader Net Weight: 4.9 lbs. (1.8kg)  
 Stabilization Time (average): 5 seconds (Analytical Models)  
 3 seconds (Toploading Models)  
 Operating Temperature: 10°-30°C (50°-86° F)  
 Electrical Requirements: 115VDC at 100mA, Center Pin (-), Adapter Included



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