

Summit Series

Analytical and Toploading Balances



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Economy balances with internal calibration on all models

The Summit Series from Denver Instrument offers the simplicity and price of an economy balance. It also features internal calibration to increase the reliability of your results while also saving time.

Internal Calibration is standard on every unit. No calibration weights are needed! With the press of a single key the calibration is completed automatically. This feature saves time and increases the accuracy and reliability of your readings.

Multiple weighing modes. Press a single key to toggle between two different units. Select from 19 units including grams, ounces, troy ounces, carets, or pounds.

Choose from several applications. Optimize the balance for your specific application. Built-in functions include parts counting, percent weighing, and net total. Each application allows you to define the settings that best fit your requirements. Below balance weighing port standard on all models.

Bi-directional RS232 port. Included on all Summit Series balances. Use bi-directional RS232 interface for transmitting data to computers, printers or other laboratory equipment. Adjustable serial settings allow interfacing with all types of peripheral devices.

Menu settings. All balance settings are changed outside the weighing menus. This prevents inadvertent changes of the parameters. Security settings also allow the user to block access to the menu structure or inactivate all keys.

Ideal for most environments. Stainless steel weighing pans make cleaning a snap. Built-in overload protection prevents damage to the weigh cell. Standby mode conserves power. Analytical models include glass draft shield with easy-sliding doors for maximum ease and access.



Model	SI-124	SI-224	SI-215D	SI-413	SI-2202	SI-4102	SI-6201
Weighing Range	0 to 120g	0 to 220g	0 to 60g/0 to 210g	0 to 410g	0 to 2200g	0 to 4100g	0 to 6200g
Readability	0.1mg	0.1mg	0.01mg/0.1mg	0.001g	0.01g	0.01g	0.1g
Taring Range	0 to 120g	0 to 220g	0 to 210g	0 to 410g	0 to 2200g	0 to 4100g	0 to 6200g
Repeatability	0.1mg	0.1mg	0.01mg/0.1mg	0.001g	0.01g	0.01g	0.1g
Linearity	0.2mg	0.2mg	0.03mg/0.2mg	0.002g	0.02g	0.02g	0.1g
Pan Size	3.1" dia. (8cm)	3.1" dia. (8cm)	3.1" dia. (8cm)	4.5" dia. (11.5cm)	7.1" x 7.1" (18cm x 18cm)	7.1" x 7.1" (18cm x 18cm)	7.1" x 7.1" (18cm x 18cm)

Common Specifications:

Analytical Chamber Dimensions (L x W x H):	11.8 x 7.8 x 13.0" (300 x 198 x 330mm)
Analytical Chamber Dimensions (L x W x H):	6.5 x 6.6 x 9.5" (165 x 168 x 241mm)
Height Above Pan:	9.5" (241 mm)
Analytical Net Weight:	13.2 lbs (6.0 kg)
Toploader Unit Dimensions (L x W x H):	11.8 x 7.8 x 3.5" (300 x 198 x 89mm)
Toploader Net Weight:	9.0 lbs. (4.0 kg)
Stabilization Time (average):	2 seconds
Operating Temperature:	15 - 40° C (59 - 104° F)
Electrical Requirements:	115V 50/60HZ

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