

Electronic Balances



Specifications for Analytical Balances

Weighing Mode	Single	Dual
Weighing Range*	210 or 510 g	100/200 g or 250/500 g
Readability	0.0001 g	0.0001/0.001 g
Repeatability (Standard Dev.)	0.0001 g	0.0002/0.0005 g
Linearity	±0.0002 g	±0.0002/±0.0005 g
Stabilization Time	~3 sec/~5 sec	~3 sec/~5 sec
Operating Temp. Range	10° to 40°C	10° to 40°C
Dimensions, H x W x D:		
Pan Size, Circular	8.9 cm (3.5 in)	8.9 cm (3.5 in)
Windscreen	24.1 x 6.4 x 21 cm (9.5 x 2.5 x 8.25 in)	24.1 x 6.4 x 21 cm (9.5 x 2.5 x 8.25 in)
Balance Housing	8.9 x 19.1 x 28.6 cm (3.25 x 7.5 x 11.25 in)	8.9 x 19.1 x 28.6 cm (3.25 x 7.5 x 11.25 in)

Specifications for Precision Balances

Weighing Mode	Single	Dual
Weighing Range	500 or 1500 g	100/500 g or 500/2000g
Readability	0.001 g	0.001/0.01 g
Repeatability (std dev)	0.001 g	0.001/0.005 g
Linearity	±0.0015 g	±0.0015/±0.005 g
Stabilization Time	~3 sec/~3 sec	~3 sec/~5 sec
Operating Temperature Range	10° to 40°C	10° to 40°C
Dimensions:		
Pan Size, Circular	11.4 cm (4.5 in)	11.4 cm (4.5 in)
Windscreen, OD x H	15.2 x 8.9 cm (6 x 3.25 in)	15.2 x 8.9 cm (6 x 3.25 in)
Balance Housing, H x W x D	8.9 x 19.1 x 28.6 cm (3.25 x 7.5 x 11.25 in)	8.9 x 19.1 x 28.6 cm (3.25 x 7.5 x 11.25 in)
Hardware Requirements	Minimum of an IBM compatible 80386DX or higher, 4 Mbytes RAM minimum, 8 Mbytes recommended, for Software Kit hard disk with at least 5 MB of free space, at least one 3.5 in floppy drive, VGA or higher resolution, COM1 / COM2 etc.	

Catalog No.	Product
CGS 8324.78	Analytical Balance, 210 g, Single Weighing Range
CGS 8325.78	Analytical Balance, 510 g, Single Weighing Range
CGS 8326.78	Analytical Balance, 100/200 g, Dual Weighing Range
CGS 8327.78	Analytical Balance, 250/500 g, Dual Weighing Range
CGS 8328.78	Precision Balance, 500 g, Single Weighing Range
CGS 8329.78	Precision Balance, 1500 g, Single Weighing Range
CGS 8330.78	Precision Balance, 100/500 g, Dual Weighing Range
CGS 8331.78	Precision Balance, 500/2000 g, Dual Weighing Range
CGS 8332.78	Motorized Automatic Internal Calibration Weight (Factory Installed/Analytical Balance Series Only)
CGS 8333.78	Keyboard for Data Input Application Programs (Complete Kit, Factory Installed)
CGS 8334.78	Thermal Printer Paper, 1 roll
CGS 8335.78	Battery Kit, 115 V Rechargeable (Includes Charger, Battery and Inverter)
CGS 8336.78	Battery Kit, 220 V Rechargeable (includes Charger, Battery, Inverter, Converter and Power Supply), CE Approved
CGS 8337.78	Cable, 6 ft Null Modem, for Connecting RS232 Serial Printers (DB9 Male to DB25 Male)
CGS 8338.78	Cable, 6 ft Null Modem, for Connecting to PCs (DB9 Male to DB9 Female)
CGS 8339.78	Below Balance Weighing Hanger
CGS 8340.78	Dust Cover for Analytical Series
CGS 8341.78	Dust Cover for Precision Series
CGS 8342.78	5000 g ASTM Class 1 Calibration Weight (±12 mg)
CGS 8343.78	50 g ULTRA Class Calibration Weight (±0.07 mg)
CGS 8344.78	100 g ULTRA Class Calibration Weight (±0.15 mg)
CGS 8335.78	200 g ULTRA Class Calibration Weight (±0.6 mg)
CGS 8346.78	500 g ULTRA Class Calibration Weight (±0.7 mg)
CGS 8347.78	1000 g ULTRA Class Calibration Weight (±1.5 mg)
CGS 8348.78	2000 g ULTRA Class Calibration Weight (±3.0 mg)