

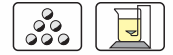


Weighing Technology

A Higher Level of Precision...A Higher Level of Performance



Intell-Lab™ Toploading Balances



- User Friendly Menu
- Large, Easy to Read LCD Display with Backlight
- Internal Rechargeable Battery
- Below Balance Weighing
- RS 232 Configurable Interface



0.01 g

0.001 g

0.1 g



Manufactured in Italy by an ISO 9001 certified company.

Model	S110	S210	S310	S420	S620	S1000	S1200	S2200	S3200	S5200	
Capacity	110 g	210 g	310 g	420 g	620 g	1000 g	1200 g	2200 g	3200 g	5200 g	
Readability	0.001 g			0.01 g			0.1 g				
Minimum Load	1 g						2 g				
Linearity	±0.003 g			±0.005 g			±0.1 g				
Repeatability (Std. Dev.)	0.005 g						0.05 g				
Sensitivity Drift	±5 ppm / °C			±6 ppm / °C							
Stabilization Time	2 seconds										
Weighing Units	g, ct, oz, lb, dwt, oz t, GN, taels (HK, Singapore, R.O.C.), mommes										
Functions	Parts counting, below balance weighing, density (as an option, note: counting is disabled)										
Tare Range	To capacity by subtraction										
Power Source	110 V AC/DC adapter, internal rechargeable battery (220 V AC available)										
Construction	Static resistant ABS, In-use cover supplied										
Display	Large, easy to read LCD display with backlight										
Pan Size	3.1 inches / 80 mm diameter			5.1 inches / 130 mm diameter				6 x 5.5 inches / 150 x 140 mm			
Draft Shield Internal Dimensions (W x D x H)	6.2 x 2.2 inches / 157 x 55 mm			N/A							
Dimensions (W x D x H)	7.25 x 10 x 3.5 inches / 185 x 254 x 89 mm			7.25 x 10 x 3 inches / 185 x 254 x 77 mm							
Operating Environment	+41°F to +95°F / +5°C to +35°C										
Connectivity	RS 232 bi-directional, configurable										
Calibration	External calibration										
Net Weight	3.2 lb / 1.5 kg						3.5 lb / 1.6 kg				
Shipping Weight	7 lb / 3.2 kg										
Options	Printer, density kit (for 0.001 g and 0.01 g models only), density software (note: counting feature is disabled)										

Features

- Easy to use keyboard arrangement and menu
- Alpha-numeric display
- Tactile keypad
- Waterproof keyboard
- Adjustable environmental filter settings (5 levels)
- Multiple weighing units
- Parts counting function
- RS 232 bidirectional serial interface – user selectable for printer or computer
- Selectable baud rate
- One key calibration function
- Auto zero can be enabled / disabled
- 100% subtractive tare
- Large, bright backlit display
- Adjustable feet / spirit level
- Internal rechargeable battery
- Underweighing hook
- Density function (optional)
- In use dust cover

Benefits

- Makes training and operation simple, reducing mistakes
- Easy to understand menu navigation
- Positive feedback allows for precise entry of information
- Protects against damage to electronic components
- Can adjust balance response to differing environmental conditions for more controlled results
- Allows flexibility of weighing across many disciplines
- Allows accurate counting of components and small parts. (Can be enabled/disabled)
- Allows communication with peripheral data collection and printing instruments
- Allows connection to different data collection devices
- Calibration is simple, ensuring that the balance will be calibrated often during use
- Applications such as evaporation can be accommodated
- Enables the weight of containers to be ignored
- Easy to read in all lighting conditions including bright sunlight
- The balance remains level for accurate results even on uneven working surfaces
- Portability – can be used in various locations without access to a wall outlet (battery life–approximately 10 hours)
- Allows for easy weighing of bulky items
- Allows for easy calculation of density
- Protects balance against spillage or contamination