

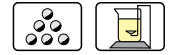


Weighing Technology

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

S
SERIES

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 | S60 | S110 | S210 | S310 | S420 | S620 | S1000 | S1200 | S1500 | S2200 | S2201 | S3200 | S5200 |
|--|--|-------|-------|-------|--|-------|--------|--------|--------|-------------------------------|-----------------|--------|--------|
| Capacity | 60 g | 110 g | 210 g | 310 g | 420 g | 620 g | 1000 g | 1200 g | 1500 g | 2200 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, tael, (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
- Below balance weighing
- 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