



LABORATORY PRECISION WEIGHING INSTRUMENTS

BEL High Capacity Series

Model	Mark K12	Mark K16	Mark K20.1
Capacity	12 kg	16 kg	20 kg
Readability	0.1 g	0.1 g	0.1 g
Linearity (g) (±)	0.2	0.2	0.2
Repeatability (g) (Std. Dev.)	0.05	0.05	0.05
Stabilization Time	3 seconds		
Weighing Units	g, oz, lb, dwt, oz troy, gn, ct, mommes, tael (Hong Kong, Singapore and Taiwan)		
Functions	Parts counting or density determination		
Tare Range	To capacity by subtraction		
Power Source	120-230 VAC ± 10% 130 mA/65 mA 50/60 Hz		
Construction	Fabricated steel housing		
Display (in/mm)	0.5/12.7 high - vacuum fluorescent		
Pan Size (in/mm)	8.3 x 12.6/210 x 320		
Dimensions*	12.8 x 3.7 x 11.6/325 x 95 x 295		
Operating Environment	50 - 86°F/10 - 30°C		
Interface	RS232C Bi-directional serial, with selectable baud rate		
Calibration	External		
Calibration Mass (included)	2 x 2000 g		0 kg (optional)
Net Weight (lb/kg)	22/10		
Shipping Weight (lb/kg)	41/18.6		(Dependent upon optional calibration weight)
Options	Software wedge, Linearity calibration masses, Interface cables		

* (W x H x D) (in/mm)

Features

- Under balance weighing
- Easy to use keyboard arrangement and menu
- Alpha-numeric menu display
- Tactile keypad
- Waterproof keyboard
- Adjustable filter settings
- Multiple weighing units
- Parts counting function
- Density determination function
- RS232C bidirectional serial interface - user selectable for printer or computer
- Selectable baud rate
- One key calibration function (calibration weight included)
- Auto zero can be enabled/disabled
- 100% subtractive tare
- Large, bright VFD (vacuum fluorescent display)
- Adjustable feet/spirit level
- Large stainless steel platform
- Fabricated steel housing
- Anti-shock protection
- 2 Year warranty

Benefits

- Enables the weighing of bulky objects or density weighing
- 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)
- Built-in software makes density determination easy
- Allows communication with peripheral data collection and printing instruments
- Allows connection to different data collection devices
- Calibration is simple ensuring that 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
- Balance remains level for accurate results even on uneven working surfaces
- Allows large loads to be easily positioned
- Robust construction protects the balance from damage
- Helps protect from accidental damage
- Gives you peace of mind

The BEL Series also includes a wide range of toploding balances.

The BEL Series offers you an exceptional selection...so you can choose exactly the right balance for your needs.

The Intelligent Investment.



Intelligent Weighing Technology, Inc.

www.intelligentwt.com

Rev: BEL2-4/06

