



Weighing Technology

BEL HIGH CAPACITY SERIES



LABORATORY PRECISION WEIGHING INSTRUMENTS



ELEGANT TECHNOLOGY – SUPERIOR PERFORMANCE – INNOVATION – VALUE – INTELLIGENT INVESTMENT

BEL High Capacity Series

Model	Mark K12	Mark K16	Mark K20.1	Mark K30.1	Mark 4516	Mark 4520	Mark 4530	Mark KL15	Mark KL20	Mark KL30
Capacity	12 kg	16 kg	20 kg	30 kg	4.5/16 kg	4.5/20 kg	4.5/30 kg	15 kg	20 kg	30 kg
Readability	0.1 g	0.1 g	0.1 g	0.1 g	0.1/1 g	0.1/1 g	0.1 / 1 g	1 g	1 g	1 g
Linearity (g) (±)	0.2			0.2/1			0.2/1	1		
Repeatability (g) (Std. Dev.)	0.05			0.05/0.1			0.1/0.3	0.1		
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)			2 x 2000 g			2000 g	2x2000 g	
Net Weight (lb/kg)	22/10									
Shipping Weight (lb/kg)	38.5/17.5	(Dependent upon optional calibration weight)			38.5/17.5			35.2/16		
Options	Software wedge, Linearity calibration masses, Interface cables									

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

Features

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
 RS232 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

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 toloading and analytical 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 • sales@intelligentwt.com

Rev: BEL2-1/O4