



VERSATILE MEASUREMENT PERFORMANCE

Milligram Range

External Calibration Model	Mark 160	Mark 220	Mark 330	Mark 500
Capacity	160 g	220 g	330 g	500 g
Readability	0.001 g	0.001 g	0.001 g	0.001 g
Linearity (g) (±)	0.001		0.002	
Repeatability (g) (Std. Dev.)	0.0005			
Stabilization Time	2 seconds			
Weighing Units	g, oz, lb, dwt, oz troy, gn, ct, mommes, tael (Hong Kong, Singapore and Taiwan)			
Functions	Parts counting - Density determination available on some models			
Tare Range	To capacity by subtraction			
Power Source	120-230 VAC ± 10% 130 mA/65 mA 50/60 Hz			
Construction	Cast aluminum top and bottom housing, stainless steel contact parts			
Display (in./mm)	0.5/12.7 high - vacuum fluorescent			
Pan Size (in./mm)	4.3/110 diam.			
Draft Shield (Diam x H) (in./mm)	6.2 x 2.2/157 x 55.9			
Dimensions (W x H x D) (in./mm)	8.1 x 6.5 x 12.8/205 x 165 x 325			
Operating Environment	50 - 86°F/10 - 30°C			
Interface (included)	RS232C Bi-directional serial, with selectable baud rate			
Calibration	External			
External Calibration Mass (Included)	100 g	200 g	2 x 200 g (optional)	
Net Weight (lb/kg)	9.9/4.5			
Shipping Weight (lb/kg)	16/7.3			
Options	Software wedge, Linearity calibration masses, Interface cables			



Centigram Range

External Calibration Model	Mark 520	Mark 1000	Mark 1700	Mark 2200	Mark 3100	Mark 3500	Mark 4100
Capacity	520 g	1000 g	1700 g	2200 g	3100 g	3500 g	4100 g
Readability	0.01 g	0.01 g	0.01 g	0.01 g	0.01 g	0.01 g	0.01 g
Linearity (g) (±)	0.01		0.02		0.03		
Repeatability (g) (Std. Dev.)	0.005						
Stabilization Time	2 seconds						
Weighing Units	g, oz, lb, dwt, oz troy, gn, ct, mommes, tael (Hong Kong, Singapore and Taiwan)						
Functions	Parts counting - Density determination available on some models						
Tare Range	To capacity by subtraction						
Power Source	120-230 VAC ± 10% 130 mA/65 mA 50/60 Hz						
Construction	Cast aluminum top and bottom housing, stainless steel contact parts						
Display (in/mm)	0.5/12.7 high - vacuum fluorescent						
Pan Size (in/mm)	6.3/160 diam.						
Dimensions (W x H x D) (in/mm)	8.1 x 3.7 x 12.8/205 x 95 x 325						
Operating Environment	50 - 86°F/10 - 30°C						
Interface (included)	RS232C Bi-directional serial, with selectable baud rate						
Calibration	External						
Calibration Mass (included)	200 g	2 X 200 g	1000 g		2000 g		
Net Weight (lb/kg)	7.7/3.5	12.1/4.5	9.9/4.5				
Shipping Weight (lb/kg)	14/6.4	18/8.2	20/9.1				
Options	Software wedge, Linearity calibration masses, Interface cables						

Decigram Range

Round Pan Model	Mark 3000	Mark 4500	Mark 6000	Mark 6500PQ	Mark 8000PQ
Rectangular Pan Model	Mark 4500PQ		Mark 6500PQ		Mark 8000PQ
Capacity	3000 g	4500 g	6000 g	6500 g	8000 g
Readability	0.1 g	0.1 g	0.1 g	0.1 g	0.1 g
Linearity (g) (±)	0.1				0.2
Repeatability (g) (Std. Dev.)	0.05				
Stabilization Time	2 seconds				
Weighing Units	g, oz, lb, dwt, oz troy, gn, ct, mommes, tael (Hong Kong, Singapore and Taiwan)				
Functions	Parts counting - Density determination available on some models				
Tare Range	To capacity by subtraction				
Power Source	120-230 VAC ± 10% 130 mA/65 mA 50/60 Hz				
Construction	Cast aluminum top and bottom housing, stainless steel contact parts				
Display (in/mm)	0.5/12.7 high - vacuum fluorescent				
Pan Size (in/mm)	Mark - 6.3/160 diam.	Mark PQ - 7.7 x 6.9/195 x 175		7.7 x 6.9/195 x 175	
Dimensions (W x H x D) (in/mm)	8.1 x 3.7 x 12.8/205 x 95 x 325				
Operating Environment	50 - 86°F/10 - 30°C				
Interface (included)	RS232C Bi-directional serial, with selectable baud rate				
Calibration	External				
Calibration Mass (included)	2000 g				
Net Weight (lb/kg)	9.9/4.5				
Shipping Weight (lb/kg)	20/9.1				
Options	Software wedge, Linearity calibration masses, Interface cables				

Features

- Under balance weighing
- Easy to use keyboard arrangement and menu
- Alpha-numeric menu display
- Tactile keypad
- Waterproof keyboard
- Automatic internal calibration (on all Ultra Mark Series balances)
- Adjustable filter settings
- Multiple weighing units
- Parts counting 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
- 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
- Ensures balance is constantly within calibration specifications, reducing the chance of errors
- 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 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
- 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 high capacity 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

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