

BBA221 Bench Scale

Fast and economical

	Order number
Ball Platter, carbon steel	
457 x 457 mm / 18" x 18"	72198694
610 x 610 mm / 24" x 24"	72198695
400 x 500mm / 16" x 20"	72198691
500 x 650mm / 20" x 26"	72198692
600 x 800mm / 24" x 31"	72198693
Roller Track, carbon steel	
457 x 457 mm / 18" x 18"	72198689
610 x 610 mm / 24" x 24"	72198690
400 x 500mm / 16" x 20"	72198705
500 x 650mm / 20" x 26"	72198707
600 x 800mm / 24" x 31"	72198709
Stand, stainless steel	
330mm / 13"	72198702
600mm / 24"	72198703
900mm / 35"	72198704
Stand, carbon steel	
330mm / 13"	72198699
600mm / 24"	72198700
900mm / 35"	72198701
Cart, carbon steel	
500 x 650mm / 20" x 26"	72198696
600 x 800mm / 24" x 31"	72198697



BBA221 Bench Scale



BBA221 Bench Scale

Weigh

Count

Classify

Checkweigh



For simple industrial applications

Fast and economical

www.mt.com

For more information



Quality Certification. Development, production and auditing in accordance with ISO9001. Environmental management system in accordance with ISO14001.

ServiceXXL
Tailored Services

Tailored Services. Our extensive service network is among the best in the world and ensures maximum availability and service life of your product.



Conformité Européenne.
This label is your guarantee that our products conform to the latest guidelines.

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Subject to technical changes
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Many applications within a single terminal device

- Weigh with expanded mode (x10) and unit switching capabilities (lb, kg)
- Count inventory with the built-in counting feature
- Classify product with tolerances using a large 1.2 inch LED character display
- Checkweigh product and send data serially with a printer or computer



Over/Under Checkweighing

- Over and Under display indicators
- Quickly set target weight

Classifying

- Display 1 of the 3 upper range tolerances, or 1 of the 3 lower range tolerances

Counting

- Manually enter average piece weight or calculate by 5, 10, 20, 50 sample size
- Display the number

Weigh

Available in nine different platform sizes and a weighing range of 6 to 300 kg, the BBA221 is well-suited for all your weighing needs.

Control

Optimize productivity by using the industry's largest LED display to quickly determine if:

- a product is over/under target weight
- the quantity is within tolerance limits
- the product has been classified properly

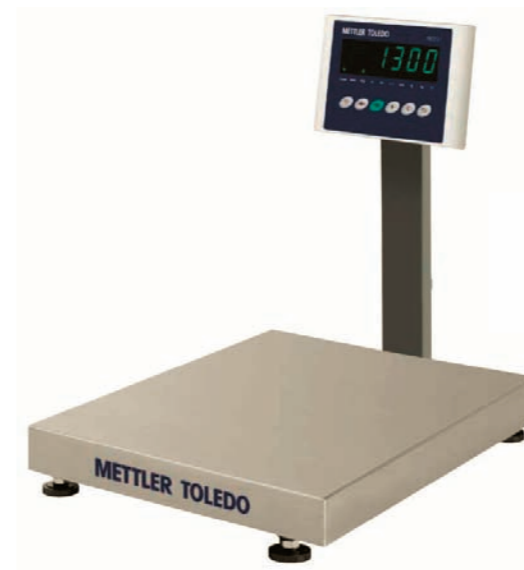


Connect

Track and improve process performance by analyzing transactional data printed on a printer or sent to a computer using the bi-directional RS-232 serial port. Connect to AC power or use the battery for mobile solutions

Comply

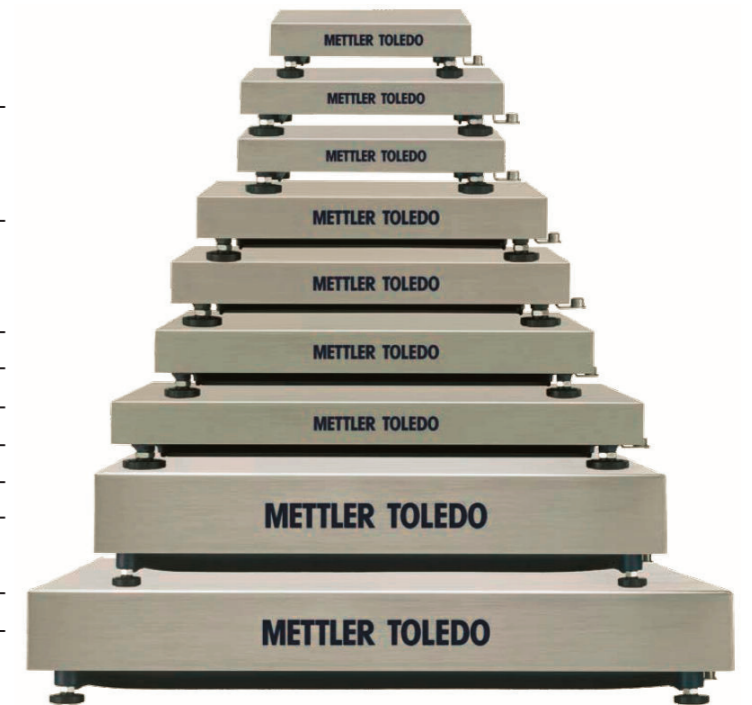
The plastic enclosure is designed for general purpose use in clean, dry areas. With NTEP approval and European approvals, the BBA221 is ready for your customers all over the world.



The standard built-in scale can be operated with batteries. A built-in rechargeable storage battery is available as an option.

Technical Specifications

Housing	Plastic
Display 1/2"/12mm	6-digit, 7-segment LED, Display stabilization <1s
Max. resolution	30 000d
Readability certified	OIML Class III, 3000e NTEP Class III, 3000d (CC08-025)
Readability uncertified	6000d
Power supply	100-240 VAC, 50/60 Hz
Battery	4 C batteries, 30 hrs.
Linearity	3 point
Cell	Aluminum, IP67
Applications	Counting, checkweighing, x10, unit switch lb/kg
Frame	Carbon steel
Load plate	Stainless steel AISI304



Platform sizes and capacities/resolutions

Model number is determined by size and capacity. Example: Size = B (15.7" x 19.7"), capacity = 300 lb; model = BBA221-B300

Standard resolution 1x3000e	Platform size [inches/mm]	15lb / 6kg	30lb / 15kg	60lb / 35kg	150lb / 60kg	300lb / 150kg	600lb / 300kg	Cable Length [feet/m]	
Rectangular	A	9.5 x 11.8 / 240 x 300	0.005lb / 2g	0.01lb / 5g				3.3 / 1	
	BB	11.8 x 15.7 / 300 x 400			0.02lb / 10g	0.05lb / 20g		6.6 / 2	
	B	15.7 x 19.7 / 400 x 500				0.05lb / 20g	0.1lb / 50g	8.2 / 2.5	
	BC	19.7 x 25.6 / 500 x 650				0.05lb / 20g	0.1lb / 50g	0.2lb / 100g	8.2 / 2.5
	CC	23.6 x 31.5 / 600 x 800				0.05lb / 20g	0.1lb / 50g	0.2lb / 100g	8.2 / 2.5
Square	QA	9 x 9 / 229 x 229	0.005lb / 2g					3.3 / 1	
	QB	12 x 12 / 305 x 305		0.01lb / 5g	0.02lb / 10g	0.05lb / 20g		6.6 / 2	
	QC	18 x 18 / 457 x 457				0.05lb / 20g	0.1lb / 50g	8.2 / 2.5	
	QD	24 x 24 / 610 x 610				0.05lb / 20g	0.1lb / 50g	0.2lb / 100g	8.2 / 2.5
Minimum capacity [lb / kg]			0.05 / 0.02	0.1 / 0.04	0.05 / 0.2	0.1 / 0.4	2.4 / 1	5 / 2	

Zero setting range = 2% of maximum capacity; preload range = 18% of maximum capacity
 Temperature range = 14°F to 104°F (-10°C to 40°C); atmospheric humidity = 15% to 85%, non-condensing; tare range subtractive from 0 to maximum capacity