

# Bench Scale



## **BBA221 Bench Scale**

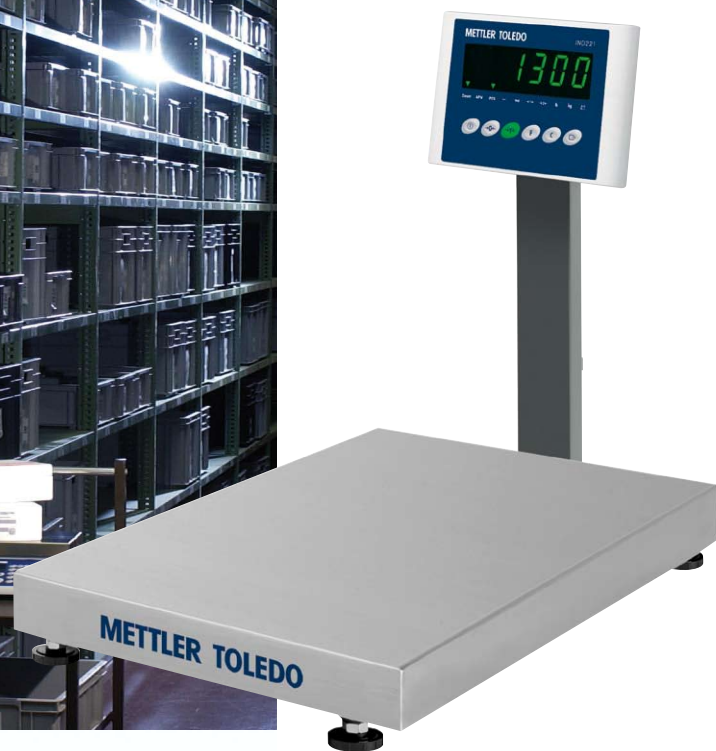
Large and fast display

9 platform sizes

Weight range 6–300kg

Display up to 30 000d

Easy counting or check weighing



**For simple industrial applications**  
Fast, economical, impressive

**METTLER TOLEDO**

# Easy to operate – flexible, fast and economical

The BBA221 is a scale for your daily, simple applications in dry areas, such as your receiving department or warehouse. The terminal with its large display is fast and easy to operate. It can communicate with a PC through its built-in RS232 interface. The scale offers a simple counting function, but it can also be used for over/under check-weighing or classifying.



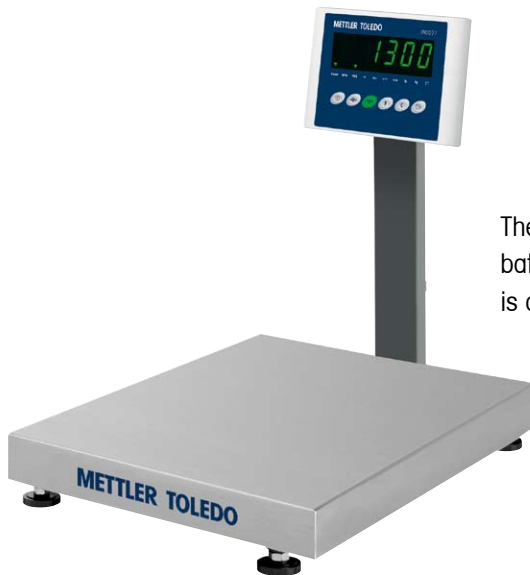
The plus and minus tolerance can be selected separately. The classifications are multiples of the selected tolerance.

Tailor the scale to your own requirements. It's amazingly easy, thanks to a broad selection of platform sizes and different capacities.

For counting applications, simply select the number of reference pieces. You can then call up the piece weight. The internal counting resolution is 1/500 000. The maximum number of parts is 999 999.



Choose from a wide range of accessories for your scale: roller track, ball platter, stand or wall fixture for the terminal. The 500x650mm and 600x800mm size weighbridges can also be mounted on an optional cart and used as mobile scales.



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

### Technical Specifications

Housing	Plastic
Display	6-digit, 7-segment LED, 30mm/1.2" Display stabilization < 1s
Max. resolution	30 000d
Readability certified	OIML Class III, 3000e NTEP Class III, 3000e (pending)
Readability uncertified	6000d
Power supply	100...240VAC, 50/60 Hz
Battery	4 C batteries, 30 hours
Rechargeable storage battery (optional)	NiMH, 35 hours
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 (example: size = 400x500mm, capacity = 150kg -> BBA221-3B150)									
Standard resolution 1 x 3000e	Platform size	6kg	15kg	35kg	60kg	150kg	300kg	Cable length	
Rectangular	A	240x300mm	2g	5g				1m	
	BB	300x400mm			10g	20g		2m	
	B	400x500mm				20g	50g	2.5m	
	BC	500x650mm				20g	50g	100g	2.5m
	CC	600x800mm				20g	50g	100g	2.5m
Square	QA	229x229mm	2g					1m	
	QB	305x305mm		5g	10g	20g		2m	
	QC	457x457mm				20g	50g	2.5m	
	QD	610x610mm				20g	50g	100g	2.5m
	Minimum capacity	0.02kg	0.04kg	0.2kg	0.4kg	1kg	2kg		

Zero setting range = 2% of maximum capacity, preload range = 18% of maximum capacity

Temperature range = -10 ... +40° C, atmospheric humidity = 15 ... 85% (noncondensing), tare range subtractive from 0 to maximum capacity

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	Order number	
<b>Ball platter, carbon steel</b>		
18" x 18"	72198694	
24" x 24"	72198695	
400 x 500	72198691	
500 x 650	72198692	
600 x 800	72198693	
<b>Roller track, carbon steel</b>		
18" x 18"	72198689	
24" x 24"	72198690	
400 x 500	72198705	
500 x 650	72198707	
600 x 800	72198709	
<b>Stand, stainless steel</b>		
330mm	72198702	
600mm	72198703	
900mm	72198704	
<b>Stand, carbon steel</b>		
330mm	72198699	
600mm	72198700	
900mm	72198701	
<b>Tower mount</b>		
For IND221 – carbon steel	72200038	
For IND226 – stainless steel	72200039	
<b>Wall mounting</b>		
For IND221 – stainless steel	72198698	
For IND226 – stainless steel	72188182	
<b>Cart, carbon steel</b>		
500 x 650	72198696	
600 x 800	72198697	

[www.mt.com](http://www.mt.com)

For more information

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Subject to technical changes  
 © 06/2007 Mettler-Toledo AG  
 Printed in Switzerland  
 MTSI 44099161

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