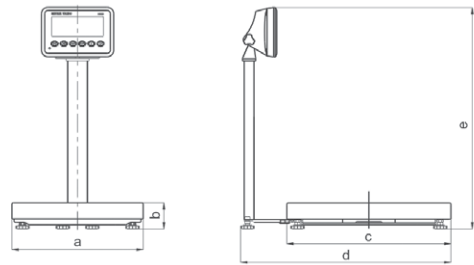


## Accessories (Carbon Steel)

Stands	Order number
Heights 330 mm / 13"	72 198 699
Heights 660 mm / 26"	72 198 700
Heights 900 mm / 35.4"	72 198 701
Carts, Painted	
Cart (for BC-Size Platform)	72 198 696
Cart (for CC-Size Platform)	72 198 697
Special Tops, Painted	
Roller Tracks (for B-Size Platform)	72 198 705
Roller Tracks (for BC-Size Platform)	72 198 707
Roller Tracks (for CC-Size Platform)	72 198 709
Ball Top (for B-Size Platform)	72 198 691
Ball Top (for BC-Size Platform)	72 198 692
Ball Top (for CC-Size Platform)	72 198 693



## Dimensions



BBA231 Dimension in mm/"	a	b	c	d	e
BBA231-A... mm	240	68,5	300	430	486,5
" "	9,45	2,70	11,81	16,93	19,15
BBA231-BB... mm	300	77,5	400	530	486,5
" "	11,8	3,05	15,75	20,87	19,15
BBA231-B... mm	400	79	500	630	816,5
" "	15,75	3,11	19,69	24,80	32,16
BBA231-BC... mm	500	115	650	780	1056,5
" "	19,69	4,53	25,59	30,71	41,59
BBA231-CC... mm	600	130	800	930	1056,5
" "	23,62	5,12	31,50	36,61	41,59

[www.mt.com/BBA231](http://www.mt.com/BBA231)

For more information

# Bench Scale



## BBA231 Bench Scale

- Reliable and robust construction
- Capacities from 6 to 300 kg
- OIML and NTEP approved
- Easy operation, low maintenance
- Large, bright display

**Fast, Versatile, Economical**  
for Your Routine Applications

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**METTLER TOLEDO**

# The Economical Solution in Dry Environments

The BBA231 bench scale is a robust and cost-effective solution for versatile use in dry and dustcontaminated industrial environments.

As a one-for-all solution the BBA231 is designed for a wide range of weighing tasks. It is an economical choice for out-of-the-box straight weighing, counting with average piece-weight optimization, over/under checkweighing, totalizing and animal-weighing applications.

The simple and convenient menu configuration and the straightforward and intuitive setup of a multitude of different available functions makes the BBA231 easy to use. It requires minimal operator training and measurably improves production efficiency.

The BBA231 terminal includes an RS232 interface allowing for communication to a printer or PC.

## Technical specifications

<b>Display</b>	7-digit, 7-segment LCD display with white backlight Heights: 60mm/2.36" Stabilization time <1 sec.	<b>Ingress Protection</b>	Terminal: IP54 Platform/Load cell: IP65
<b>Approvable resolution</b>	OIML Class III, 3000e / NTEP 5000d	<b>Material</b>	Terminal Housing: Plastic Platform Frame: Powder coated carbon steel Load Plate: Stainless steel AISI304 Column: Carbon steel
<b>Resolution typ.</b>	15 000d	<b>Load Cell</b>	Aluminium, Potted
<b>Power Supply</b>	85...264 VAC, 50/60 Hz	<b>Applications</b>	Straight weighing, over/under checkweighing, counting with average piece-weight optimization, totalizing, animal weighing
<b>Battery</b>	6 AA batteries for >80 hours of operation	<b>Features:</b>	Date & Time (RTC), x10, Print, Unit Switch, Target storage
<b>Units of measure</b>	kg, lb, g, oz		
<b>Data Interface</b>	RS232		

## Standard configurations

Model	Platform size	Maximum weighing capacity					Cable length
<b>Rectangular weighing platforms</b>							
<b>BBA231-3A</b>	240 x 300mm / 9.5" x 11.8"	<b>6 kg / 10 lb</b>	<b>15 kg / 25 lb</b>				1m / 3.3ft
<b>BBA231-3BB</b>	300 x 400mm / 11.8" x 15.7"		<b>35 kg / 50 lb</b>	<b>60 kg / 100 lb</b>			2m / 6.6ft
<b>BBA231-3B</b>	400 x 500mm / 15.7" x 19.7"			<b>60 kg / 100 lb</b>	<b>150 kg / 250 lb</b>		2.5m / 8.2ft
<b>BBA231-3BC</b>	500 x 650mm / 19.7" x 25.6"			<b>60 kg / 100 lb</b>	<b>150 kg / 250 lb</b>	<b>300 kg / 500 lb</b>	2.5m / 8.2ft
<b>BBA231-3CC</b>	600 x 800mm / 23.6" x 31.5"			<b>60 kg / 100 lb</b>	<b>150 kg / 250 lb</b>	<b>300 kg / 500 lb</b>	2.5m / 8.2ft
<b>Approvable resolution 1x3000e / 1x5000d</b>							
Approvable readability		2g / 0.002lb	5g / 0.005lb	10g / 0.01lb	20g / 0.02lb	50g / 0.05lb	100g / 0.1lb
Min. capacity (approved scales only)		40g / 0.04lb	100g / 0.1lb	200g / 0.2lb	400g / 0.4lb	1kg / 1lb	2kg / 2lb

Model designation example:  
Size 240 x 300mm / 6kg: BBA231-4A6

Zero-setting range = 2% of max. capacity  
Nominal temp. range = -10°C to +40°C / 14°F to 104°F

Zero capture range = 18% of max. capacity  
Subtractive tare range: >0 to max. capacity

### Highly visible display

For excellent readability under any light condition, the BBA231 scale features a large, 60mm high LCD display with an adjustable white backlight.

### Immediate status indication

Over/under checkweighing is performed easily and accurately with immediate status indication. Target weight setup is simple for improved overall process accuracy.

### Innovative and user friendly

In addition to the 5 tactile and responsive standard keys (On/Off, Zero, Tare, Clear, Print) the BBA231 is the first of its class to feature two free definable function keys (F1 and F2). These allow for fast and easy switching between the different offered functions.

### Full control at all times

All functions (directly selected over the function keys) and current scale status are always in easy sight providing a good overview for ergonomic operation.



### Excellent overload protection

Optimally placed and specifically adjusted overload stops grant the best possible protection against load-cell damage. Easily adjustable feet allow for reliable and precise scale leveling.

