

Accessories (Carbon Steel)

Stands	Order number
Heights 330 mm	72 198 699
Heights 660 mm	72 198 700
Heights 900 mm	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
Bracket	
IND231 Terminal Bracket	30084560



Bench Scale



BBA231 Bench Scale

Reliable and robust construction

Capacities from 6 to 300 kg

OIML approved

Easy operation, low maintenance

Large, bright display

www.mt.com/BBA231

For more information

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

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

Standard configurations

Model	Platform size	Maximum weighing capacity						Cable length
		Rectangular weighing platforms						
BBA231-3A	240 x 300 mm	6 kg	15 kg					1 m
BBA231-3BB	300 x 400 mm			35 kg	60 kg			2 m
BBA231-3B	400 x 500 mm				60 kg	150 kg		2.5 m
BBA231-3BC	500 x 650 mm				60 kg	150 kg	300 kg	2.5 m
BBA231-3CC	600 x 800 mm				60 kg	150 kg	300 kg	2.5 m
Approvable resolution 1x3000e								
Approvable readability		2g	5g	10g	20g	50g	100g	
Min. capacity (approved scales only)		40g	100g	200g	400g	1kg	2kg	

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

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

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.

