

## 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](http://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

<b>Display</b>	7-digit, 7-segment LCD display with white backlight Heights: 60mm Stabilization time <1 sec.	<b>Ingress Protection</b>	Terminal: IP54 Platform/Load cell: IP65
<b>Approvable resolution</b>	OIML Class III, 3000e	<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		

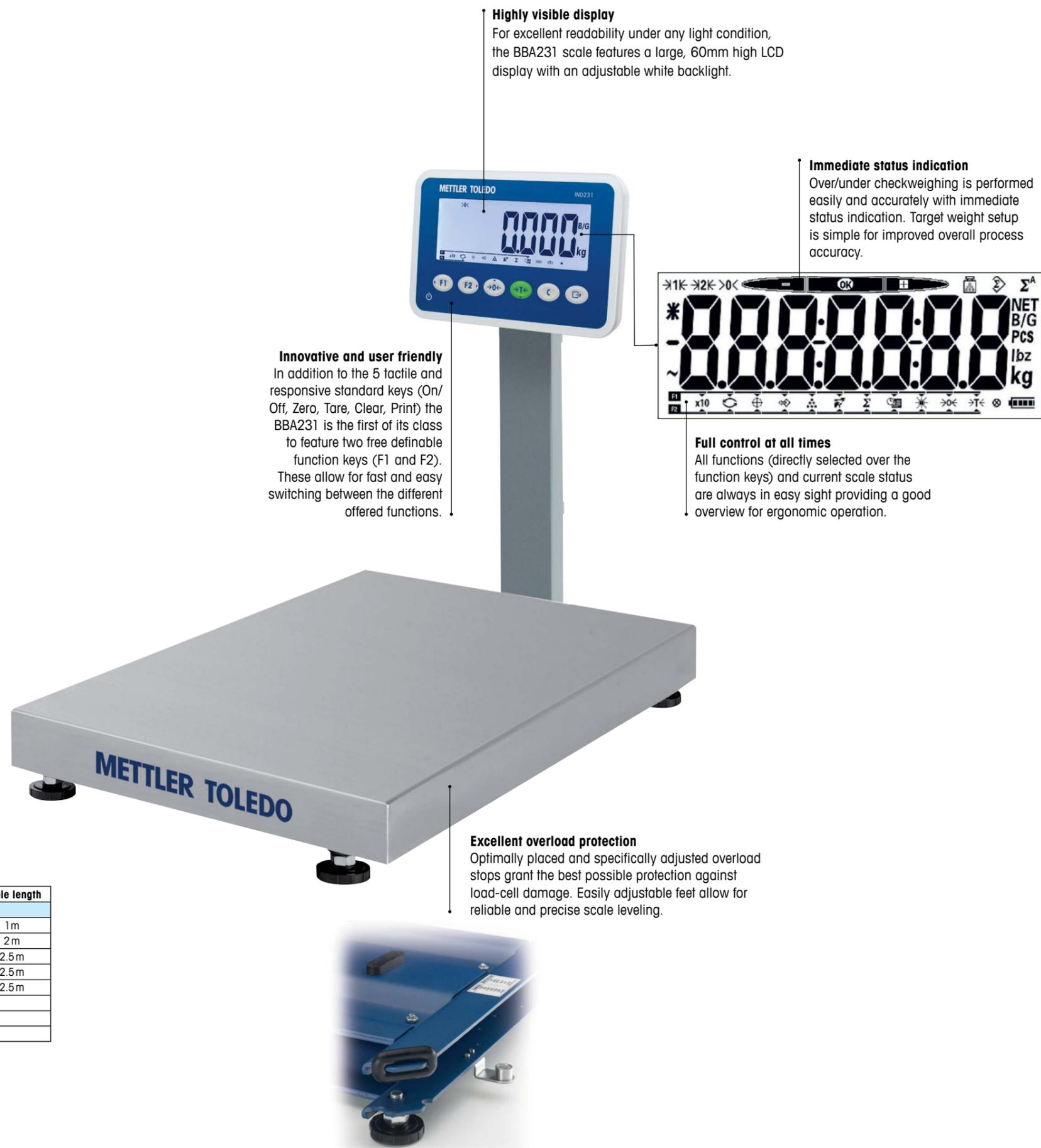
### Standard configurations

Model	Platform size	Maximum weighing capacity						Cable length
		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
<b>Approvable resolution 1x3000e</b>								
Approvable readability		2 g	5 g	10 g	20 g	50 g	100 g	
Min. capacity (approved scales only)		40 g	100 g	200 g	400 g	1 kg	2 kg	

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.