

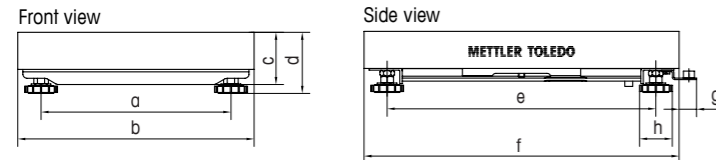
## Accessories (Carbon Steel)

Columns	Order number
Column, Heights 330 mm / 13"	72 198 699
Column, Heights 660 mm / 26"	72 198 700
Column, Heights 900 mm / 35.4"	72 198 701
Floor Stand, Heights 1'000 mm / 40"	22 023 451
Free Standing Base Plate	00 503 700
<b>Stands &amp; Carts, Painted</b>	
Wheeled Bench Stand (for B-Size Platforms)	00 503 631
Wheeled Bench Stand (for CC-Size Platforms)	00 504 853
Support for Wheeled Bench Stand	22 023 460
Cart (for BC-Size Platform)	72 198 696
Cart (for CC-Size Platform)	72 198 697
<b>Special Tops, Painted</b>	
Roller Top (for B-Size Platform)	72 198 705
Roller Top (for BC-Size Platform)	72 198 707
Roller Top (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
<b>Connectivity</b>	
E-Box incl. Feet	30 024 758
10 Meter Cable Extension (two M12 Plugs)	30 024 759
5 Meter Cable Extension (M12 Plug to Pig Tail)	30 024 768



Note: Terminal brackets are not included. Please see terminal brochure.  
For stainless steel accessories please see the user manual.

## Dimensions



Model – Dimension in mm/"	a	b	c	d	e	f	g	h
PBD655-A...	mm 175	240	62	80	235	300	22	42
	" 6.89	9.45	2.44	3.15	9.25	11.81	0.87	1.65
PBD655-BB...	mm 235	300	66	86	335	400	22	42
	" 9.25	11.81	2.60	3.39	13.19	15.75	0.87	1.65
PBD655-B...	mm 335	400	66	86	435	500	22	42
	" 13.19	15.75	2.60	3.39	17.13	19.69	0.87	1.65
PBD655-BC...	mm 435	500	85	110	587	650	22	42
	" 17.13	19.69	3.35	4.33	23.11	25.59	0.87	1.65
PBD655-CC...	mm 503	600	97	120	724	800	21	42
	" 19.80	23.62	3.82	4.72	28.50	31.50	0.83	1.65

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

For more information

# Digital Weighing Platform



## PBD655 Digital Weighing Platform

- Capacities from 6 to 600 kg
- Fully Digital for Highest Accuracy
- Pre-Calibrated - Ready to Operate
- Excellent EMC Immunity
- OIML and NTEP Approved
- Robust and Reliable

## Uncompromising Reliability When Accuracy Counts

**USA**  
Mettler-Toledo, Inc.  
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Columbus, OH, 43240  
Tel. (1) 800 523 5123

**Canada**  
Mettler-Toledo, Inc.  
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**METTLER TOLEDO**

## The Plug and Weigh Design Ready to Operate in Seconds

The PBD655 extremely robust and rugged platform series is a true digital device designed for simplicity and dependability. It features an exclusively tailored METTLER TOLEDO load cell and an approvable resolution of OIML 6 000e and NTEP 10 000d. This combined with a stable and fast A/D Converter, provides optimal weighing and counting precision while still being cost effective.

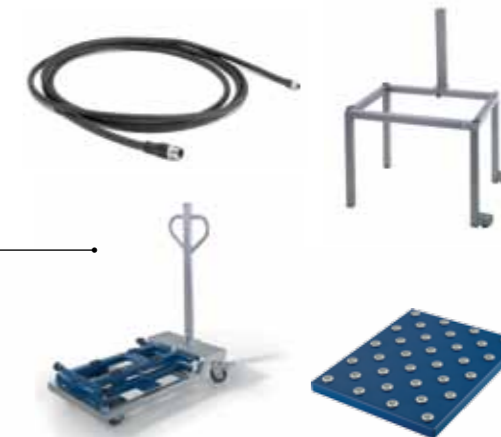
For optimum convenience, these platforms are shipped pre-calibrated from the factory. Simply unpack, plug the platform into a suitable terminal or directly into a process control unit and start weighing.

The PBD655 digital platform series is IP65 approved and the perfect choice for harsh dry and dust-contaminated environments such as in receiving, inspection, manufacturing, warehousing, packaging and shipping.



### Ergonomic Operation

Extension cables and other smart accessories make the platform series highly flexible and the right choice for many different working environments. Columns are available in three different heights and can be mounted on either the short or long side of the platform.



### Rugged & Reliable Signal Transmission

The shielded polyurethane scale cable and the industrial M12 connector offer a high level of resistance to wear and abrasion and help to guarantee a long product life time.



### Technical Specification

<b>Resolution</b>	up to 60 000d (10'000d default uncertified) OIML Class III, 6000e (600 kg - 2 x 3000e MR) NTEP Class III, 10 000d (600 kg - not approved)
<b>Ingress Protection</b>	IP65
<b>Material</b>	Platform frame: Powder coated, carbon steel Load plate: Brushed stainless steel (AISI304)
<b>Load Cell</b>	Aluminum potted
<b>Cable length</b>	2.5 m / 8.5 ft
<b>Interface</b>	RS422 for direct connection to process control unit (w/o terminal)
<b>Update rate</b>	90 values per second
<b>Power supply</b>	6 to 18 VDC
<b>Suitable indicators</b>	ICS4_5d, ICS85d, IND890

### Construction per Size



- A** 240 x 300 mm / 9.5" x 11.8"
- BB** 300 x 400 mm / 11.8" x 15.7"
- B** 400 x 500 mm / 15.7" x 19.7"



- BC** 500 x 650 mm / 19.7" x 25.6"
- CC** 600 x 800 mm / 23.6" x 31.5"

### Easy Leveling – Assured Protection

Optimally placed and independently adjusted overload stops ensures best possible load cell protection. Easy adjustable feet allow for reliable and precise scale leveling.



### High Durability

Reliable operation in rough environments is achieved with a sophisticated frame construction and a hard-wearing powder coated surface treatment. All platforms feature a brushed stainless steel platter which further enhances sturdiness and stiffness.



### Exceptional Signal Integrity for Accurate Weighing

Due to excellent immunity of the digital weigh signal from electromagnetic influences, precise weighing is guaranteed at all times. The fast update rate of ninety weighing values per second combine to make the platform the perfect choice for dynamic weighing applications.

### Standard Configurations

Model	Platform size	Weighing capacity						
		6kg / 10 lb	12 kg / 20 lb	30 kg / 50 lb	60 kg / 100 lb	120 kg / 200 lb	300 kg / 500 lb	600 kg / 1000 lb
PBD655-A	240 x 300 mm / 9.5" x 11.8"							
PBD655-BB	300 x 400 mm / 11.8" x 15.7"			30 kg / 50 lb	60 kg / 100 lb			
PBD655-B	400 x 500 mm / 15.7" x 19.7"				60 kg / 100 lb	120 kg / 200 lb		
PBD655-BC	500 x 650 mm / 19.7" x 25.6"				60 kg / 100 lb	120 kg / 200 lb	300 kg / 500 lb	
PBD655-CC	600 x 800 mm / 23.6" x 31.5"				60 kg / 100 lb	120 kg / 200 lb	300 kg / 500 lb	600 kg / 1000 lb
<b>Certifiable resolution 1x6000e / 1x10'000d</b>								
Readability certified		1 g / 0.001 lb	2 g / 0.002 lb	5 g / 0.005 lb	10 g / 0.01 lb	20 g / 0.02 lb	50 g / 0.05 lb	100 g / 200 g / NA*
Min. capacity (certified platforms only)		20 g / 0.02 lb	40 g / 0.04 lb	100 g / 0.1 lb	200 g / 0.2 lb	400 g / 0.4 lb	1 kg / 1 lb	2 kg / NA*

\* not NTEP approved/OIML 2x3000e MR  
Model designation example: Size 240 x 300mm/6 kg: PBD655-A6

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

Preload range = 18% of max. capacity  
Taring range subtractive from 0 to max. capacity