

Weighing Platforms



PBA220 Weighing Platforms

Reliable and robust

9 different sizes

6 weighing capacities

Rectangular and square construction

OIML and NTEP approved

Broad range of accessories



Cost/Performance optimized quality solution
for your routine applications

METTLER TOLEDO

For economical weighing in dry environments

The PBA220 weighing platforms provide flexible, rugged and cost-effective solutions for a wide range of weighing tasks in dry environments, such as but not limited to your receiving and shipping department and stock room.

The variety of sizes and capacities available in square and rectangular formats, offer the correct platform for any application.

The PBA220 platform is compatible with all analog METTLER TOLEDO terminals.



Technical specifications

Certified Resolution	OIML Class III, 3000e NTEP Class III, 3000d	Material	Platform frame: Carbon steel, Powder coated Load plate: Stainless steel AISI304
Ingress Protection	IP65	Load Cell	Aluminium

Standard configurations

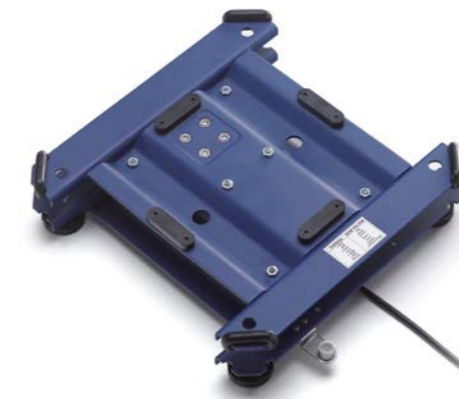
Model	Platform size	Max. weighing capacity						Cable length
		Rectangular weighing platforms						
PBA220-A	240 x 300mm / 9.5" x 11.8"	6 kg / 15 lb	15 kg / 30 lb					1m / 3.3ft
PBA220-BB	300 x 400mm / 11.8" x 15.7"			35 kg / 60 lb	60 kg / 150 lb			2m / 6.6ft
PBA220-B	400 x 500mm / 15.7" x 19.7"				60 kg / 150 lb	150 kg / 300 lb		2.5m / 8.2ft
PBA220-BC	500 x 650mm / 19.7" x 25.6"				60 kg / 150 lb	150 kg / 300 lb	300 kg / 600 lb	2.5m / 8.2ft
PBA220-CC	600 x 800mm / 23.6" x 31.5"				60 kg / 150 lb	150 kg / 300 lb	300 kg / 600 lb	2.5m / 8.2ft
Certifiable resolution 1x3000e / 1x3000d								
e1/max1		2g / 0.005 lb	5g / 0.01 lb	10g / 0.02 lb	20g / 0.05 lb	50g / 0.1 lb	100g / 0.2 lb	
Min. capacity		40g / 0.1 lb	100g / 0.2 lb	200g / 0.4 lb	400g / 1 lb	1 kg / 2 lb	2 kg / 4 lb	
Square weighing platforms								
PBA220-QA	229 x 229mm / 9" x 9"	6 kg / 15 lb						1m / 3.3ft
PBA220-QB	305 x 305mm / 12" x 12"		15 kg / 30 lb	35 kg / 60 lb	60 kg / 150 lb			2m / 6.6ft
PBA220-QC	457 x 457mm / 18" x 18"				60 kg / 150 lb	150 kg / 300 lb		2.5m / 8.2ft
PBA220-QD	610 x 610mm / 24" x 24"				60 kg / 150 lb	150 kg / 300 lb	300 kg / 600 lb	2.5m / 8.2ft
Certifiable resolution 1x3000e / 1x3000d								
e1/max1		2g / 0.005 lb	5g / 0.01 lb	10g / 0.02 lb	20g / 0.05 lb	50g / 0.1 lb	100g / 0.2 lb	
Min. capacity		40g / 0.1 lb	100g / 0.2 lb	200g / 0.4 lb	400g / 1 lb	1 kg / 2 lb	2 kg / 4 lb	

Model designation example:
Size 240 x 300mm / 6kg: PBA220-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

Some details



Highly durable powder-coated steel frames.



Stable and fixed mounting plate to attach the stand.

Easy leveling

The height of the leveling feet is easy to adjust (thread diameter M10). The rubber parts are made of durable rubber material with outstanding damping characteristics.



Stainless steel load plate

All weighing platforms are supplied with a stainless steel load plate (material – EU: 1.4301, US: AISI304).



Overload stops

The PBA220 weighing platform have several overload stops, which ensure the best possible protection against load cell overload through optimal positioning and specific adjustment.

Explore Our Service Solutions

Tailored to Fit Your Equipment Needs

METTLER TOLEDO Service delivers resources to enhance your efficiency, performance, and productivity by providing service packages that fit your operational needs, maximize your equipment lifetime, and protect your investment.

► www.mt.com/IND-Service



Start with professional installation

Installation services include support for your unique production situation:

- Professional IQ/OQ/PQ/MQ documentation
- Initial calibration and confirmation of fit-for-purpose
- Hazardous area installations



Extend your warranty coverage

Add two years of preventive maintenance and repair coverage to protect your equipment purchase and achieve maximum productivity and budget control.



Calibrate for quality and compliance

The professional Accuracy Calibration Certificate (ACC) determines measurement uncertainty in use over the entire weighing range. Corresponding annexes gives a clear pass/fail statement for specific tolerances applied, such as fit-for-purpose (GWP®), OIML R76, NTEP HB44, or further regulations.



Schedule maintenance

Full preventative maintenance plans offer inspection, functional testing, and proactive replacement of worn parts.

Health inspections offer a full assessment of current equipment condition with professional maintenance recommendations.



Maintain accuracy over time

Receive professional guidance (GWP® Verification™), including a routine testing plan that specifies four key factors to maximize your efficiency and ensure quality:

- Tests to perform
- Weights to use
- Testing frequency
- Tolerances to apply

“ Our extensive service network is among the best in the world and ensures maximum availability and service life of your product. ”



METTLER TOLEDO Service

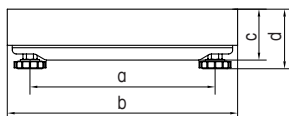
Accessories

	Order number
Ball top, carbon steel	
PBA220-B, 400 x 500mm / 15.7" x 19.7"	72 198 691
PBA220-BC, 500 x 650mm / 19.7" x 25.6"	72 198 692
PBA220-CC, 600 x 800mm / 23.6" x 31.5"	72 198 693
PBA220-QC, 457 x 457mm / 18" x 18"	72 198 694
PBA220-QD, 610 x 610mm / 24" x 24"	72 198 695
Roller track, carbon steel	
PBA220-B, 400 x 500mm / 15.7" x 19.7"	72 198 705
PBA220-BC, 500 x 650mm / 19.7" x 25.6"	72 198 707
PBA220-CC, 600 x 800mm / 23.6" x 31.5"	72 198 709
PBA220-QC, 457 x 457mm / 18" x 18"	72 198 689
PBA220-QD, 610 x 610mm / 24" x 24"	72 198 690
Stand, carbon steel	
Heights 330mm / 13"	72 198 699
Heights 660mm / 26"	72 198 700
Heights 900mm / 35.4"	72 198 701
Stand, stainless steel	
Heights 330mm / 13"	72 198 702
Heights 660mm / 26"	72 198 703
Heights 900mm / 35.4"	72 198 704
Cart, carbon steel	
PBA220-BC, 500 x 650mm / 19.7" x 25.6"	72 198 696
PBA220-CC, 600 x 800mm / 23.6" x 31.5"	72 198 697

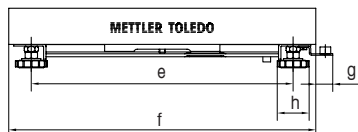


Dimensions

Front view



Side view



Model – Dimension in mm/"	a	b	c	d	e	f	g	h	
PBA220-A...	mm	175	240	57	68.5	235	300	22	41
	"	6.89	9.45	2.24	2.7	9.25	11.81	0.87	1.61
PBA220-BB...	mm	235	300	66	77.5	335	400	22	41
	"	9.25	11.81	2.59	3.05	13.19	15.75	0.87	1.61
PBA220-B...	mm	335	400	66.5	79	435	500	22	41
	"	13.19	15.75	2.62	3.11	17.13	19.69	0.87	1.61
PBA220-BC...	mm	435	500	105	115	586	650	28	41
	"	17.13	19.69	4.13	4.53	23.07	25.59	0.87	1.61
PBA220-CC...	mm	503	600	125	130	724	800	22	41
	"	19.8	23.62	4.92	5.12	28.5	31.49	0.87	1.61
PBA220-QA...	mm	165	229	57	68.5	177	229	22	41
	"	6.49	9	2.24	2.7	6.97	9	0.87	1.61
PBA220-QB...	mm	240	305	66	77.5	240	305	22	41
	"	9.45	12	2.6	3.05	9.45	12	0.87	1.61
PBA220-QC...	mm	392	457	66.5	79	392	457	22	41
	"	15.43	18	2.62	3.11	15.43	18	0.87	1.61
PBA220-QD...	mm	545	610	105	115	545	610	28	41
	"	21.46	24	4.13	4.53	21.46	24	1.10	1.61

www.mt.com

For more information

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