

Mettler Toledo - Floor Scales



Model PFA221/226 PUA220 VLX VLC PUA574/579 2158 2888Static

SCALE BASE SPECIFICATIONS

Application	Economy	Economy	Commercial	Commercial	Commercial	Applied	Applied
Steel	221-Mild Steel, tread 226 Stainless Steel, tread	Mild Steel, smooth plate	Mild Steel, tread plate	Mild Steel or Stainless Steel, tread or smooth plate	574-Mild Steel, tread or smooth 579-Stainless, smooth or tread	Mild Steel or Stainless Steel, tread or smooth plate	Mild Steel or Stainless Steel, tread or smooth plate
Standard Capacities (lb)	1000lb, 2500lb, 5000lb, 10000lb	1000lb, 2500lb	1000lb, 2500lb, 5000lb	2500lb, 5000lb, 10,000lb	500lb, 1000lb, 2500lb	500lb, 1000lb, 2500lb, 5000lb, 10,000lb, 20,000lb	500lb, 1000lb, 2500lb
Standard Capacities (kg)	600kg, 1500kg, 3000kg, 6000kg	600kg, 1500kg	600kg, 1500kg, 3000kg	1500kg, 3000kg, 6000kg	300kg, 600kg, 1500kg	300kg, 600kg, 1500kg, 3000kg, 6000kg	300kg, 600kg, 1500kg
Legal for Trade	Class III, 5000d	Class III, 1000d	Class III, 5000d	Class III, 5000d	Class III, 5000d	Class III, 5000d	Class III, 5000d
Standard Sizes	4'x4', 5'x5'	30"x30", 36"x36"	3'x3', 4'x4'	3'x3', 4'x4', 4'x5', 5'x5', 4'x6', 5'x7'	24"x24", 30"x30", 36"x36", 42"x42"	3'x3', 4'x4', 4'x5', 5'x5', 4'x6', 5'x7'	24"x24", 30"x30", 36"x36", 42"x42"
Platform Height	4.5" (+/-0.25)	1.63"	4.5" (+/-0.25)	3.44" (+/-0.19)	1.63" / 3.25" (24"x24", 30"x30") 2.13" / 3.44" (36"x36", 42"x42")	3" (1-5k) 3-3/8" (10k) 4" (20k)	1.38" / 3" (24"x24", 30"x30") 1.88" / 3.13" (36"x36", 42"x42")
Deck Thickness	1/8"	1/4"	1/8"	1/4" (1-5k) 5/16" (10-20k)	1/8" (24"x24", 30"x30") 3/16" (36"x36", 42"x42")	1/4" (1-5k) 5/16" (10-20k)	1/8" (24"x24", 30"x30") 3/16" (36"x36", 42"x42")
J-Box	Plastic, IP65	Plastic, IP65	SS, IP69K	SS, IP69K	SS, IP69K	SS, IP69K	SS, IP69K
Safe Overload*	150%	150%	150%	150%	150%	150%	150%
Ultimate Overload*	300%	300%	300%	300%	300%	300%	300%
Max Safe Side Load*	100%	100%	100%	100%	100%	100%	100%

* as a percent of full scale system

OPTIONS

Custom Sizes or Capacities?				✓	✓	✓	✓
Min Custom Dimension				24in	24in	10in	24in
Max Custom Dimension				8ft	48in	8ft	48in
316/316L SS?				✓	✓	✓	✓
E-polish/Mechanical				✓	✓	✓	✓
10,000 D test				✓	✓	✓	✓
Warranty	Economy	Economy	Standard	Standard	Standard	2-year	2-year
Ramps?	✓	✓	✓	✓	✓	✓	✓
Pit Frame?				✓		✓	
Pit Liner?				✓		✓	
Pre-Calibrated/Bundles Options	✓	✓	✓	✓	✓	✓	

LOADCELL SPECIFICATIONS

Loadcell	Model SOB	Model SOB	Model SOB	Model 745	Model 745	Model 745	Model 745
Suspension	Threaded foot	Threaded foot	Ball-in-Cup threaded foot	Rocker Foot	Rocker Foot	Rocker pin	Rocker pin
I/c Capacity (lb)	500lb, 1000lb, 2500lb, 5000lb	500lb, 1000lb, 2500lb, 5000lb	500lb, 1000lb, 2500lb	250lb, 500lb, 1250lb, 2500lb, 5000lb	250lb, 500lb, 1250lb	250lb, 500lb, 1250lb, 2500lb, 5000lb, 10,000lb	250lb, 500lb, 1250lb
I/c Material	17-4 SS	17-4 SS	17-4 SS	17-4PH stainless steel	17-4PH stainless steel	17-4PH stainless steel	17-4PH stainless steel
I/c Protection	Potted, IP67	Potted, IP67	Potted, IP67	Hermetic welded seal, IP67 (250lb potted)	Hermetic welded seal, IP67 (250lb potted)	Hermetic welded seal, IP67 (250lb potted)	Hermetic welded seal, IP67 (250lb potted)
I/c Output	3.0 mV/V	3.0 mV/V	3.0 mV/V	3.0 mV/V	2.0 mV/V	2.0 mV/V	2.0 mV/V
I/c Bridge Res. (Input/Output)	350Ω / 350Ω	350Ω / 350Ω	350Ω / 350Ω	350Ω / 350Ω	385Ω / 350Ω	385Ω / 350Ω	385Ω / 350Ω
I/c Excitation	15 VDC/VAC max	15 VDC/VAC max	15 VDC/VAC max	15 VDC/VAC max	15 VDC/VAC max	15 VDC/VAC max	15 VDC/VAC max
Safe Overload*	150%	150%	150%	150%	150%	150%	150%
Ultimate Overload*	300%	300%	300%	300%	300%	300%	300%
Max Safe Side Load*	100%	100%	100%	100%	100%	100%	100%
Non-Repeatability*	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%
Combined Error*				0.03%	0.02%	0.02%	0.02%
Creep	0.025% load/20 minutes	0.025% load/20 minutes	0.025% load/20 minutes	0.03% load/20 minutes	0.03% load/20 minutes	0.03% load/20 minutes	0.03% load/20 minutes
Compensated Range	14°F to 104°F -10°C to 40°C	14°F to 104°F -10°C to 40°C	14°F to 104°F -10°C to 40°C	14°F to 104°F -10°C to 40°C	14°F to 104°F -10°C to 40°C	14°F to 104°F -10°C to 40°C	14°F to 104°F -10°C to 40°C

* as a percent of rated capacity

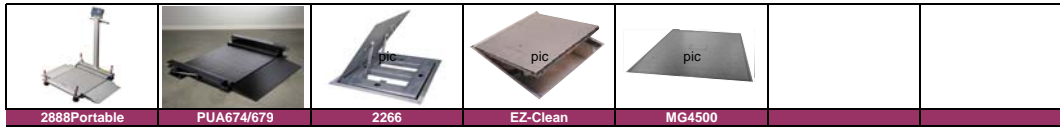
DOCUMENTATION

Technical Manual	17533200A	17495400A	A16511600A	C14914100A	17533000A	B14691400A	A14859700A
Literature Data Brief	FS03491.0E/FS03492.0E	FS03490.0E	FS3378	FS3399	FS03493.0E/FS03494.0E	FS3337	FS03336
FM			FS7189	FS7186		FS7029	
NTEP CoC	99-132A4	96-106A3	99-132A4	95-111	96-106A3	91-097	96-106A3
Canada CoC			AM-5482	AM-6160		AM-4723	
Layout	TB207583	TB207328 TB207233	TB204944	TB205149	TB207556	TB201789 1-10k TB202033 20k	TC202768
Foundation	n/a	n/a	n/a	TB205135	n/a	TC201773 1-5k TC201774 10-20k	n/a

* 7.5ft. load cell cable unless over 5x5 then 15 ft.

*version 2

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Model 2888Portable PUA674/679 2266 EZ-Clean MG4500

SCALE BASE SPECIFICATIONS

Application	Applied	Applied	Applied	Applied	Applied
Steel	Mild Steel or Stainless Steel, tread or smooth plate	Mild Steel or Stainless Steel, tread or smooth plate	Stainless Steel, smooth plate	Mild Steel or Stainless Steel, tread or smooth plate	Mild Steel, smooth plate
Standard Capacities (lb)	500lb, 1000lb, 2500lb	500lb, 1000lb, 2500lb	500lb, 1000lb, 2500lb, 5000lb	500lb, 1000lb, 2500lb, 5000lb, 10,000lb	40,000lb, 60,000lb
Standard Capacities (kg)	300kg, 600kg, 1500kg	300kg, 600kg, 1500kg	300kg, 600kg, 1500kg, 3000kg	300kg, 600kg, 1500kg, 3000kg, 6000kg	20000kg, 30000kg
Legal for Trade	Class III, 5000d	Class III, 5000d	Class III, 5000d	Class III, 5000d	Class III
Standard Sizes	24"x24", 30"x30", 36"x36", 42"x42"	30"x30", 36"x36", 42"x42"	3'x3', 4'x4', 5'x5', 4'x6'	3'x3', 4'x4', 4'x5', 5'x5', 4'x6', 5'x7'	5'x5', 5'x7', 5'x8', 6'x6', 6'x8', 7'x7', 7'x9', 8'x8', 8'x10'
Platform Height	1.63" / 3.25" (24"x24", 30"x30") 1.88" / 3.13" (36"x36", 42"x42")	1.63" / 3.25" (30"x30") 2.25" / 3.5" (36"x36", 42"x42")	4"	3" (1-5k) 3.38" (10k) 4" (20k)	8.38" (40klb) 10.75" (60klb)
Deck Thickness	1/8" (24"x24", 30"x30") 3/16" (36"x36", 42"x42")	1/8" (30"x30") 3/16" (36"x36", 42"x42")	1/4"	1/4" (1-5k) 5/16" (10-20k)	3/8" (40klb) 1/2" (60klb)
J-Box	SS, IP69K	SS, IP69K	SS, IP69K	SS, IP69K	SS, IP65
Safe Overload*	150%	150%	150%	150%	150%
Ultimate Overload*	300%	300%	300%	300%	300%
Max Safe Side Load*	100%	100%	100%	100%	100%

* as a percent of full scale system

OPTIONS

Custom Sizes or Capacities?	✓		✓	✓	✓
Min Custom Dimension	24in		29.5in	3ft	5ft
Max Custom Dimension	42in		5ft	8ft	10ft
316L SS?	✓	✓	✓	✓	
E-polish/Mechanical	✓	✓	✓	✓	
10,000 D test	✓	✓			
Warranty	2-year	2-year	2-year	2-year	2-year
Ramps?	✓	✓	✓		
Pit Frame?			✓	Integral	Integral
Pit Liner?			✓	✓	
Pre-Calibrated/Bundles Options					

LOADCELL SPECIFICATIONS

	Model 745	Model 745	Model 745	Model 745	Model 743
Loadcell Suspension	Rocker pin	Rocker pin	Rocker pin	Rocker pin	Rocker pin
I/c Capacity	250lb, 500lb, 1250lb	250lb, 500lb, 1250lb	250lb, 500lb, 1250lb, 2500lb	250lb, 500lb, 1250lb, 2500lb, 5000lb	20,000lb, 45,000lb
I/c Material	17-4PH stainless steel	17-4PH stainless steel	17-4PH stainless steel	17-4PH stainless steel	17-4PH stainless steel
I/c Protection	Hermetic welded seal, IP67 (250lb potted)	Hermetic welded seal, IP67 (250lb potted)	Hermetic welded seal, IP67 (250lb potted)	Hermetic welded seal, IP67 (250lb potted)	Hermetic welded seal, IP67
I/c Output	2.0 mV/V	2.0 mV/V	2.0 mV/V	2.0 mV/V	2.0 mV/V
I/c Bridge Res. (Input/Output)	385Ω / 350Ω	385Ω / 350Ω	385Ω / 350Ω	385Ω / 350Ω	385Ω / 350Ω (20k) 2200V / 2000V (45k)
I/c Excitation	15 VDC/VAC max	15 VDC/VAC max	15 VDC/VAC max	15 VDC/VAC max	15 VDC/VAC max
Safe Overload*	150%	150%	150%	150%	150%
Ultimate Overload*	300%	300%	300%	300%	300%
Max Safe Side Load*	100%	100%	100%	100%	100%
Non-Repeatability*	0.01%	0.01%	0.01%	0.01%	0.01%
Combined Error*	0.02%	0.02%	0.02%	0.02%	0.02%
Creep	0.03% load/20 minutes	0.03% load/20 minutes	0.03% load/20 minutes	0.03% load/20 minutes	0.02% load/20 minutes
Compensated Range	14°F to 104°F -10°C to 40°C	14°F to 104°F -10°C to 40°C	14°F to 104°F -10°C to 40°C	14°F to 104°F -10°C to 40°C	14°F to 104°F -10°C to 40°C

* as a percent of rated capacity

DOCUMENTATION

Technical Manual	A14859700A	17499100A	15348200A	B14604400A	14803300A
Literature	FS03336	FS03495.0E	FS03338	FS03338	FS1016
Data Brief	FS7033		FS7103	FS7035	FS7034
NTEP CoC	96-106A3	96-106A3	97-153	91-097	89-103
Canada CoC	AM-5175		AM-5395	AM-4723	
Layout	TC202769	TC207299	TB203317	TC202664 1-5k	TB202893 40k
				TC202665 10k	TB202878 60k
Foundation	n/a	n/a	TB203474	TB202392 1-5k	TB202892 40k
				TB202394 10K	TB202877 60k

*version 2

INTERNAL USE ONLY