

# DEFENDER® 5000 Washdown Bench Scales

## Column Mount Bench Scale Specifications

Model	D52XW2WQS6	D52XW5WQS6	D52XW12WQS6	D52XW12WQR6	D52XW25WQR6	D52XW50WQR6	D52XW25WQL7	D52XW50WQL7
Capacity × Readability	5 lb × 0.0002 lb 2.5 kg × 0.1 g	10 lb × 0.0005 lb 5 kg × 0.2 g	25 lb × 0.001 lb 12.5 kg × 0.5 g		50 lb × 0.002 lb 25 kg × 1 g	100 lb × 0.005 lb 50 kg × 2 g	50 lb × 0.002 lb 25 kg × 1 g	100 lb × 0.005 lb 50 kg × 2 g
Maximum Displayed Resolution	1:25,000							
Capacity × Certified Readability	5 lb × 0.001 lb 2.5 kg × 0.5 g	10 lb × 0.002 lb 5 kg × 1 g	25 lb × 0.005 lb 12.5 kg × 5 g		50 lb × 0.01 lb 25 kg × 5 g	100 lb × 0.02 lb 50 kg × 10 g	50 lb × 0.01 lb 25 kg × 5 g	100 lb × 0.02 lb 50 kg × 10 g
Min APW (g)	0.005	0.01	0.025		0.05	0.1	0.05	0.1
Internal Counting Resolution	1:500,000							
Linearity/Repeatability	± 2d							
Indicator	TD52XW							
Column	13.8 in / 350 mm stainless steel						26.8 in / 680 mm stainless steel	
Base Construction	Stainless steel removable weighing platform with stainless steel frame, silicon-sealed IP67 stainless steel loadcell							
Safe Overload Capacity	150% of maximum capacity							
Stabilization Time	Within 1 second							
Operating Temperature Range	14°F to 104°F / -10°C to 40°C							
Scale Dimensions (A × B × C × D × E × F)	10 × 10 × 2.9 × 1.8 × 23.6 × 15.1 in 254 × 254 × 74 × 45 × 600 × 383 mm			12 × 12 × 3.7 × 2.4 × 23.8 × 17.4 in 305 × 305 × 95 × 60 × 604 × 442 mm			18 × 18 × 4.3 × 2.8 × 36.8 × 24.7 in 457 × 457 × 110 × 70 × 934 × 627 mm	
Shipping Dimensions (L × W × H)	18.9 × 17.5 × 14.3 in 480 × 445 × 363 mm						39.1 × 26.8 × 9.25 in 994 × 680 × 235 mm	
Approx. Net Weight	19.8 lb / 9 kg			24.3 lb / 11 kg			41.9 lb / 19 kg	
Approx. Shipping Weight	24.3 lb / 11 kg			26.5 lb / 12 kg			46.3 lb / 21 kg	

Model	D52XW125WQL7	D52XW50WTX7	D52XW125WTX7	D52XW250WTX7	D52XW50WQV8	D52XW125WQV8	D52XW250WQV8	D52XW500WQV8
Capacity × Readability	250 lb × 0.01 lb 125 kg × 5 g	100 lb × 0.005 lb 50 kg × 2 g	250 lb × 0.01 lb 125 kg × 5 g	500 lb × 0.02 lb 250 kg × 10 g	100 lb × 0.005 lb 50 kg × 2 g	250 lb × 0.01 lb 125 kg × 5 g	500 lb × 0.02 lb 250 kg × 10 g	1000 lb × 0.05 lb 500 kg × 20 g
Maximum Displayed Resolution	1:25,000							
Capacity × Certified Readability	250 lb × 0.05 lb 125 kg × 50 g	100 lb × 0.02 lb 50 kg × 10 g	250 lb × 0.05 lb 125 kg × 50 g	500 lb × 0.1 lb 250 kg × 50 g	100 lb × 0.02 lb 50 kg × 10 g	250 lb × 0.05 lb 125 kg × 50 g	500 lb × 0.1 lb 250 kg × 50 g	1000 lb × 0.2 lb 500 kg × 100 g
Min APW (g)	0.25	0.1	0.25	0.5	0.1	0.25	0.5	1
Internal Counting Resolution	1:500,000							
Linearity/Repeatability	± 2d							
Indicator	TD52XW							
Column	26.8 in / 680 mm stainless steel				38.6 in / 980 mm stainless steel			
Base Construction	Stainless steel removable weighing platform with stainless steel frame, silicon-sealed IP67 stainless steel loadcell							Stainless steel removable weighing platform with stainless steel frame, silicon-sealed IP67 aluminum loadcell
Safe Overload Capacity	150% of maximum capacity							
Stabilization Time	Within 1 second							
Operating Temperature Range	14°F to 104°F / -10°C to 40°C							
Scale Dimensions (A × B × C × D × E × F)	18 × 18 × 4.3 × 2.8 × 36.8 × 24.7 in 457 × 457 × 110 × 70 × 934 × 627 mm	24 × 18 × 5.1 × 3.5 × 36.8 × 30.5 in 610 × 457 × 130 × 90 × 934 × 775 mm			24 × 24 × 5.1 × 3.5 × 48.6 × 30.4 in 610 × 610 × 130 × 90 × 1234 × 773 mm			
Shipping Dimensions (L × W × H)	39.1 × 26.8 × 9.25 in 994 × 680 × 235 mm				45.9 × 30.7 × 9.25 in 1165 × 780 × 235 mm			
Approx. Net Weight	68.4 lb / 31 kg				88.2 lb / 40 kg			
Approx. Shipping Weight	72.8 lb / 33 kg				99.2 lb / 45 kg			