

Defender® 2000 Series Bench Scales

Model	D24PE30FR	D24PE60FR	D24PE60FL	D24PE150FL	D24PE150FX	D24PE300FX	D24PE300FV	D24PE600FV
Certified Capacity × Readability	30 × 0.005 kg	60 × 0.01 kg	60 × 0.01 kg	150 × 0.02 kg	150 × 0.02 kg	300 × 0.05 kg	300 × 0.05 kg	600 × 0.1 kg
Recommended Disp. Resolution	1:6000	1:6000	1:6000	1:7500	1:7500	1:6000	1:6000	1:6000
Load Cell Protection	Aluminum alloy IP65							
Base Construction	Stainless Steel pan, painted carbon steel frame							
Platform Dimensions (W × D)	300 × 350		400 × 500		500 × 600		600 × 800	
Front View Dimensions (F1 × F2 × F3 × F4 × F5 × F6)	210 × 165 × 300 × 103 × 50 × 240 mm		210 × 165 × 400 × 115 × 50 × 315 mm		210 × 165 × 500 × 145 × 100 × 420 mm		210 × 165 × 600 × 170 × 100 × 522 mm	
Side View Dimensions (S1 × S2 × S3 × S4 × S5)	740 × 462 × 350 × 290 × 44 mm		940 × 612 × 500 × 435 × 44 mm		940 × 712 × 600 × 530 × 44 mm		1240 × 912 × 800 × 725 × 44 mm	
Column	500 mm		700 mm				1000 mm	
Leveling Component	Externally visible level bubble and adjustable leveling feet with locking nuts							
Safe Overload Capacity	125% of rated capacity							
Indicator Construction	ABS plastic housing							
Weighing Units	kg, g, lb							
Application Modes	Weighing, Parts Counting, Accumulation							
Display	6-digit, 7-segment red LED, 20 mm high digits							
Keyboard	4 function mechanical keys, raised, tactile							
Zero Range	2% or 100% of full scale capacity							
Tare Range	Full capacity by subtraction							
Stabilization Time	1 second							
Auto-Zero Tracking	Off, 0.5, 1 or 3 divisions							
Power	AC adapter with internal rechargeable lead acid battery							
Battery Life	80 hours continuous use with 12 hour recharge time							
Calibration	5 lb/kg to 100% of capacity, user selectable							
Interface	Optional RS232							
Operating Temperature Range	-10°C to 40°C							
Net Weight	11 kg		15 kg		26 kg		40 kg	
Shipping Weight	13 kg		17 kg		29 kg		45 kg	
Shipping Dimensions	745 × 420 × 185 mm		915 × 515 × 184 mm		1025 × 625 × 185 mm		1150 × 745 × 265 mm	

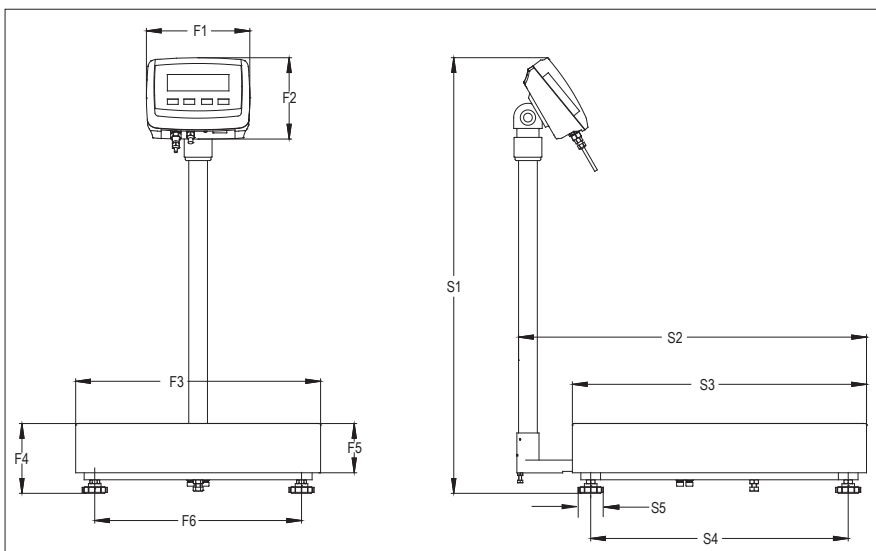
Other Standard Features and Equipment

Indicator with ABS plastic housing, red LED display, tactile mechanical keys, optional RS232C with manual/continuous/interval printing, hardware configuration lockout switch, internal lead-acid rechargeable battery and AC adapter. Software included for parts counting mode with selectable sample sizes and weighing totalization (Accumulation) functions. Selectable span calibration points, averaging level, auto-zero tracking and battery saving auto-off. Stainless steel pan with painted carbon steel tubular frame, non-slip rubber leveling feet with locking nuts, externally visible level bubble, aluminum alloy IP65 load cell, down-stops for overload protection

Compliance

- **Product Safety:** IEC/EN 61010-1
- **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B, Basic environments

Dimensions



2000 Series T24PE Indicator

Model	T24PE
Capacity	Up to 20000 kg
Maximum Displayed Resolution	1:20000
Weighing Units	kg, g, lb
Application Modes	Weighing, Parts Counting, Accumulation
Construction	ABS plastic housing
Display	6-digit, 7-segment red LED, 20 mm high digits
Keyboard	4 function mechanical keys, raised, tactile
Load Cell Excitation Voltage	3 VDC
Load Cell Drive	Up to 4 × 350 ohm load cells
Load Cell Input Sensitivity	Up to 3 mV/V
Zero Range	2% or 100% of full scale capacity
Tare Range	Full capacity by subtraction
Stabilization Time	1 second
Auto-Zero Tracking	Off, 0.5, 1 or 3 divisions
Power	AC adapter with internal rechargeable lead acid battery
Battery Life	80 hours continuous use with 12 hour recharge time
Interface	Optional RS232
Operating Temperature Range	-10°C to 40°C
Housing dimensions (W × D × H)	210 × 168 × 80 mm
Net weight	1.4 kg
Shipping weight	2.4 kg
Shipping Dimensions (W × D × H)	272 × 235 × 175 mm

Other Standard Features and Equipment

ABS plastic housing, red LED display, tactile mechanical keys, optional RS232C with manual/continuous/interval printing, hardware configuration lockout switch, internal lead-acid rechargeable battery and AC adapter. Software included for parts counting mode with selectable sample sizes and weighing totalization (Accumulation) functions. Selectable span calibration points

Compliance

- **Product Safety:** IEC/EN 61010-1
- **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B, Basic environments

Accessories

RS232 Kit.....	30101019
Folding Column Kit.....	30101016
In-Use-Cover.....	30101017
Load Cell Cable Adapter Kit.....	30101021
SF40A Impact Printer.....	30064202
T4 Label Printer.....	30057588

Dimensions

