



# DEFENDER<sup>®</sup> 3000 Bench Scale Bases

## Defender Rectangular Washdown Bases (V models)

Model	D15VR	D30VR	D60VR	D60VL	D150VL	D150VX	D300VX
Capacity x Readability (d)	30 lb × 0.005 lb 15 kg × 2 g	60 lb × 0.01 lb 30 kg × 5 g	150 lb × 0.02 lb 60 kg × 10 g		300 lb × 0.05 lb 150 kg × 20 g		600 lb × 0.1 lb 300 kg × 50 g
Capacity x Certified/ Approved Readability	30 lb × 0.01 lb 15 kg × 5 g	60 lb × 0.02 lb 30 kg × 10 g	150 lb × 0.05 lb 60 kg × 20 g		300 lb × 0.1 lb 150 kg × 50 g		600 lb × 0.2 lb 300 kg × 100 g
Load Cell Cable	6.6 ft / 2m L x 6-wire						
Load Cell Rated Output	2 mV/V ± 10%						
Load Cell Excitation Voltage	Maximum 20V (AC/DC) / Recommended 5~15V (AC/DC)						
Load Cell Input / Output Resistance	410 ± 10 ohms / 350 ± 4 ohms						
Leveling Components	Externally visible level bubble and adjustable non-slip leveling feet						
Operating Temperature	14 °F to 104 °F / -10 °C to 40 °C						
Base Dimensions (A x B x C x D x E)	14 × 12 × 4.8 × 3 × 15 in / 355 × 305 × 123 × 75 × 380 mm			21.6 × 16.5 × 5.4 × 3.1 × 22.6 in / 550 × 420 × 136 × 80 × 575 mm		25.6 × 19.7 × 5.6 × 3.5 × 26.6 in / 650 × 500 × 143 × 90 × 675 mm	
Shipping Dimensions (L x W x H)	25.3 × 19.6 × 8.5 in / 642 × 497 × 212 mm			33.7 × 22.2 × 8.9 in / 857 × 564 × 225 mm		40.2 × 27 × 9.7 in / 1022 × 687 × 247 mm	
Net Weight	20 lb / 9 kg			46 lb / 21 kg		73 lb / 33 kg	
Shipping Weight	24 lb / 11 kg			53 lb / 24 kg		81.5 lb / 37 kg	

### Features:

- Rectangular Pan
- All 304 Stainless Steel Design
- Tubular Steel Frame
- Stainless Steel IP67 Loadcell
- 125 % Safe Overload Capacity
- 6,000-7,500d
- 3,000e NTEP and Measurement Canada certified

## Defender Rectangular Bases (B models)

Model	D15BR	D30BR	D60BR	D60BL	D150BL	D150BX	D300BX
Capacity x Readability (d)	30 lb × 0.005 lb 15 kg × 2 g	60 lb × 0.01 lb 30 kg × 5 g	150 lb × 0.02 lb 60 kg × 10 g		300 lb × 0.05 lb 150 kg × 20 g		600 lb × 0.1 lb 300 kg × 50 g
Capacity x Certified/ Approved Readability	30 lb × 0.01 lb 15 kg × 5 g	60 lb × 0.02 lb 30 kg × 10 g	150 lb × 0.05 lb 60 kg × 20 g		300 lb × 0.1 lb 150 kg × 50 g		600 lb × 0.2 lb 300 kg × 100 g
Load Cell Cable	6.6 ft / 2m L x 6-wire						
Load Cell Rated Output	2 mV/V ± 10%						
Load Cell Excitation Voltage	Maximum 20V (AC/DC) / Recommended 5~15V (AC/DC)						
Load Cell Input / Output Resistance	410 ± 10 ohms / 350 ± 4 ohms						
Leveling Components	Externally visible level bubble and adjustable non-slip leveling feet						
Operating Temperature	14 °F to 104 °F / -10 °C to 40 °C						
Base Dimensions (A x B x C x D x E)	14 × 12 × 4.8 × 3 × 15 in / 355 × 305 × 123 × 75 × 380 mm			21.6 × 16.5 × 5.4 × 3.1 × 22.6 in / 550 × 420 × 136 × 80 × 575 mm		25.6 × 19.7 × 5.6 × 3.5 × 26.6 in / 650 × 500 × 143 × 90 × 675 mm	
Shipping Dimensions (L x W x H)	25.3 × 19.6 × 8.5 in / 642 × 497 × 212 mm			33.7 × 22.2 × 8.9 in / 857 × 564 × 225 mm		40.2 × 27 × 9.7 in / 1022 × 687 × 247 mm	
Net Weight	20 lb / 9 kg			35 lb / 16 kg		62 lb / 28 kg	
Shipping Weight	24 lb / 11 kg			42 lb / 19 kg		70.5 lb / 32 kg	

### Features:

- Rectangular 304 Stainless Steel Pan
- Painted Carbon Steel Frame
- Tubular Steel Base
- Aluminum Loadcell
- 125 % Safe Overload Capacity
- 6,000-7,500d
- 3,000e NTEP and Measurement Canada certified

# DEFENDER® 3000 *Bench Scale Bases*

## IP67 Loadcells

For added durability, all loadcells are protected to IP67 against water and condensation

## Base Construction

Defender Economical Washdown Bases also feature all stainless steel construction. Defender Economical Rectangular Bases are made from painted carbon steel with stainless steel pans and aluminum loadcells.



## Removable Stainless Steel Pans

For quick cleaning, all bases come with removable stainless steel pans

## Durable Base Frame Construction

Defender Rectangular Bases are made from welded tubular steel, providing economical durability for industrial applications. Load-unload cycle tested to ensure long-term performance.

## Fully Adjustable Feet

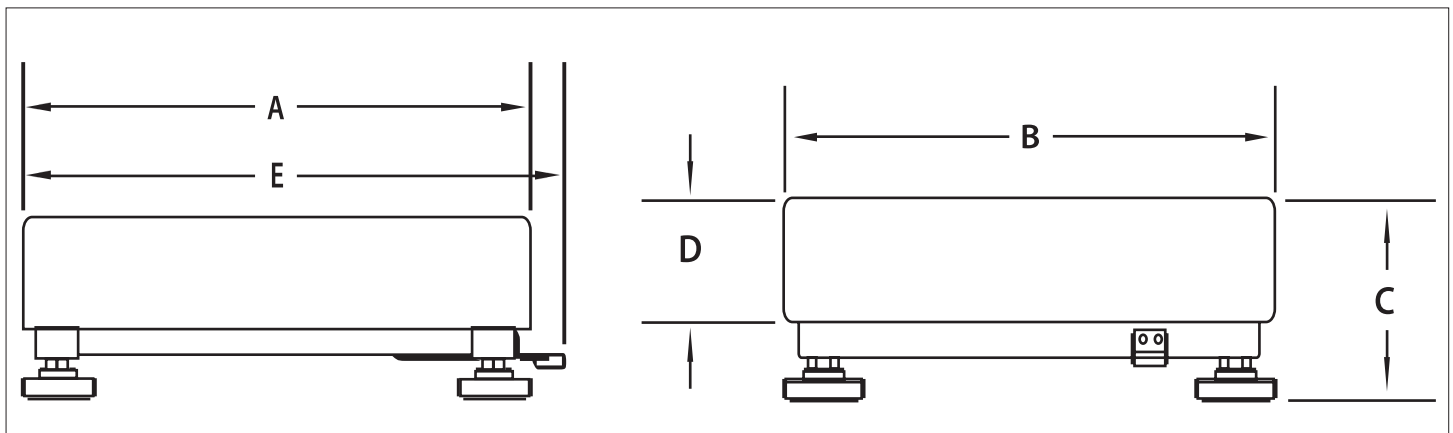
Four rugged, adjustable feet help prevent slippage on wet or uneven surfaces

# DEFENDER<sup>®</sup> 3000 Bench Scale Bases

## Compliance

- Metrology: Measurement Canada (NoA AM-5667); NTEP (CC 08-021)

## Outline Dimensions



## Accessories

Column Kit, 23 cm / 9 in, Stainless Steel for T71XW/T51XW Indicator .....	30454644
Wall Mount Bracket Stainless Steel for T71XW/T51XW Indicator .....	80500735
Wheel Kit, Defender Series (for bases up to 300 kg / 600lb) .....	30372146
Column Kit, 35 cm / 13.9 in, Stainless Steel, to T51/71/72XW .....	80500725
Column Kit, 68 cm / 26.9 in, Stainless Steel, to T51/71/72XW .....	80500726
Column Adapter, Painted, T31P Indicators .....	72209339
Column Adapter, Stainless Steel, T32XW/T51XW/T71XW .....	72209340
Cable Kit, Loadcell Adapter to T51/T71 Indicators .....	80500736

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*The management system  
governing the manufacture  
of this product is  
ISO 9001:2015 certified.*

