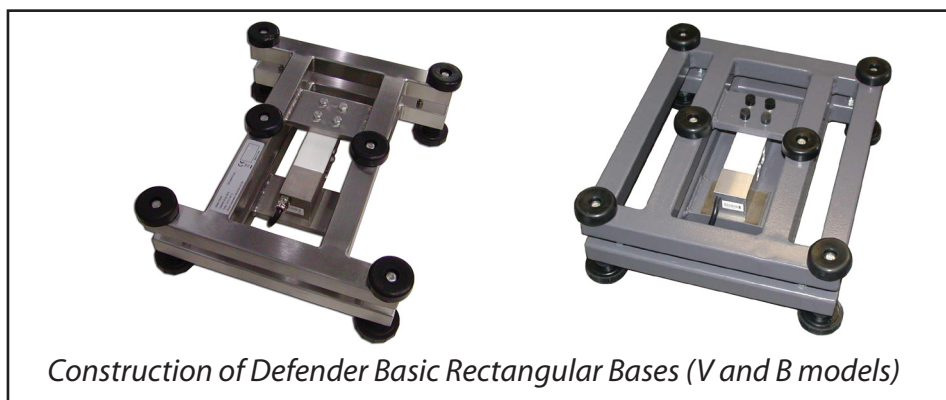




# DEFENDER® 3000

Bench Scale Bases



## Durable Economical Bench Scale Bases

OHAUS Defender B and V Economical Bases offer economical levels of durability for industrial applications. All Defender Bases offer removable stainless steel weighing pans, moisture resistant protected single-point loadcells, steel construction, non-slip adjustable feet and integral leveling bubbles.

For economical use, the Defender Rectangular Dry-Use Bases B and Washdown V Bases offer welded tubular steel construction for economical yet durable performance.

With NTEP and Measurement Canada Class III certification, all of these bases can be used for both general applications as well as where legal-for-trade performance is required.

### Standard Features:

- Removable stainless steel weighing pans
- Steel frame construction with stainless steel for Washdown models, painted carbon steel for other models
- Moisture-protected single point loadcells, with stainless steel IP67 loadcells for Washdown models, aluminum loadcells for other models
- Adjustable, non-slip rubber leveling feet and leveling bubble
- 1:3,000 NTEP and Measurement Canada certified performance for legal-for-trade applications

# 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 x 0.005 lb 15 kg x 2 g	60 lb x 0.01 lb 30 kg x 5 g	150 lb x 0.02 lb 60 kg x 10 g		300 lb x 0.05 lb 150 kg x 20 g		600 lb x 0.1 lb 300 kg x 50 g
Capacity x Certified/ Approved Readability	30 lb x 0.01 lb 15 kg x 5 g	60 lb x 0.02 lb 30 kg x 10 g	150 lb x 0.05 lb 60 kg x 20 g		300 lb x 0.1 lb 150 kg x 50 g		600 lb x 0.2 lb 300 kg x 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 x 12 x 4.8 x 3 x 15 in / 355 x 305 x 123 x 75 x 380 mm			21.6 x 16.5 x 5.4 x 3.1 x 22.6 in / 550 x 420 x 136 x 80 x 575 mm		25.6 x 19.7 x 5.6 x 3.5 x 26.6 in / 650 x 500 x 143 x 90 x 675 mm	
Shipping Dimensions (L x W x H)	25.3 x 19.6 x 8.5 in / 642 x 497 x 212 mm			33.7 x 22.2 x 8.9 in / 857 x 564 x 225 mm		40.2 x 27 x 9.7 in / 1022 x 687 x 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 x 0.005 lb 15 kg x 2 g	60 lb x 0.01 lb 30 kg x 5 g	150 lb x 0.02 lb 60 kg x 10 g		300 lb x 0.05 lb 150 kg x 20 g		600 lb x 0.1 lb 300 kg x 50 g
Capacity x Certified/ Approved Readability	30 lb x 0.01 lb 15 kg x 5 g	60 lb x 0.02 lb 30 kg x 10 g	150 lb x 0.05 lb 60 kg x 20 g		300 lb x 0.1 lb 150 kg x 50 g		600 lb x 0.2 lb 300 kg x 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 x 12 x 4.8 x 3 x 15 in / 355 x 305 x 123 x 75 x 380 mm			21.6 x 16.5 x 5.4 x 3.1 x 22.6 in / 550 x 420 x 136 x 80 x 575 mm		25.6 x 19.7 x 5.6 x 3.5 x 26.6 in / 650 x 500 x 143 x 90 x 675 mm	
Shipping Dimensions (L x W x H)	25.3 x 19.6 x 8.5 in / 642 x 497 x 212 mm			33.7 x 22.2 x 8.9 in / 857 x 564 x 225 mm		40.2 x 27 x 9.7 in / 1022 x 687 x 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<sup>®</sup> 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

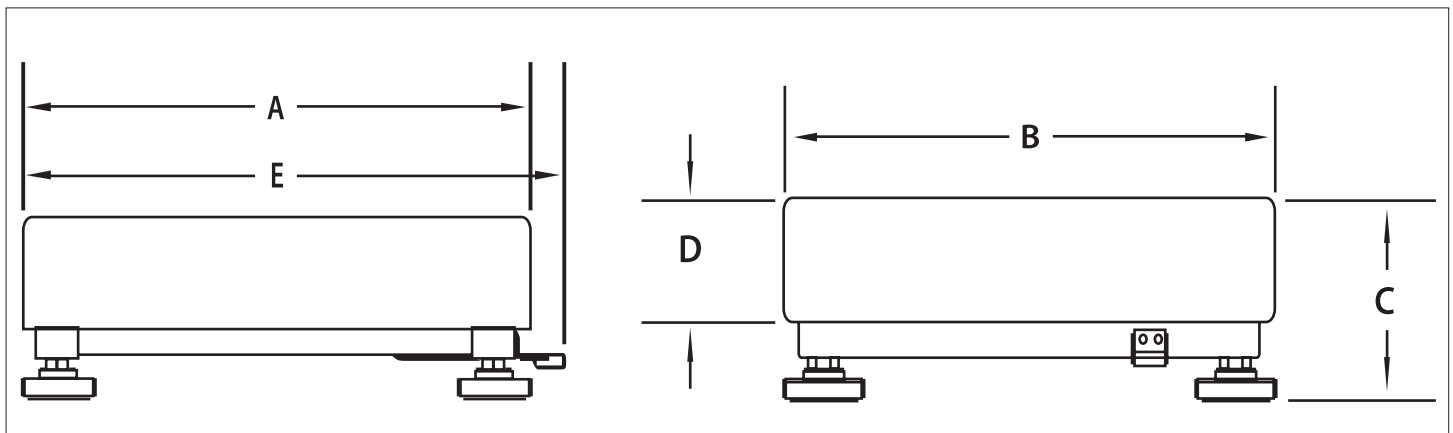
Four rugged, adjustable feet help prevent slippage on wet or uneven surfaces

# DEFENDER® 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.*

