

Bench Scale Bases for Basic Industrial Applications

The Defender 3000 Bases provide economical yet durable performance for industrial weighing. With Legal-for-Trade certifications, these bases can be used for both general applications as well as where legal-for-trade performance is required.

Unique Features:

- The B1 bases feature a 304-stainless steel platform, powder-coated steel tubular frame, and IP65 aluminum load cell; the C1 bases feature a 304-stainless steel platform, frame and IP67 load cell.
- The Defender 3000 bases are equipped with an EasyConnect™ cable, which allows instant configuration with Defender 3000 indicators, speeding up installation.
- Default resolution up to 7,500d; OIML approved to 3,000e for legal-for-trade performance.
- Capacities from 15 kg to 600 kg, with platforms from 305 x 355 mm to 600 x 800 mm.

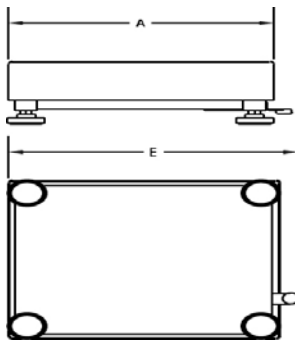
DEFENDER™3000 Bases

Specifications

Model	i-D15B1R	i-D30B1R	i-D60B1R	i-D60B1L	i-D150B1L	i-D150B1X	i-D300B1X	i-D300B1V	i-D600B1V
Capacity x Default Readability	15 kg x 2 g	30 kg x 5 g	60 kg x 10 g		150 kg x 20 g		300 kg x 50 g		600 kg x 100 g
Capacity x Certified/Approved Readability	15 kg x 5 g	30 kg x 10 g	60 kg x 20 g		150 kg x 50 g		300 kg x 100 g		600 kg x 200 g
Approved Resolution	OIML 3000e								
Safe Overload Capacity	150% of capacity								
Base Construction	Stainless steel removable weighing platform, powder-coated steel base construction								
Linearity/Repeatability	±1d								
Load Cell Capacity	30 kg	50 kg	100 kg		250 kg		500 kg		750 kg
Load Cell Cable	2 m L x 4-wire					3 m L x 6-wire			
Load Cell Type	350 Ohm, aluminum, single point								
Load Cell Excitation	5-12V DC/AC								
Load Cell Rated Output	2mV/V								
Load Cell Protection	IP65								
Base Dimensions (A x B x C x D x E)	355 x 305 x 122 x 75 x 379 mm			550 x 420 x 134 x 80 mm x 576 mm		650 x 500 x 150 x 90 x 675 mm		800 x 600 x 154 x 90 x 826 mm	
Shipping Dimensions (L x W x H)	495 x 455 x 373 mm			1022 x 687 x 247 mm		1022 x 687 x 247 mm		1175 x 790 x 245 mm	
Net Weight	7.2 kg			13.1 kg		23.25 kg		41.2 kg	
Shipping Weight	10.2 kg			17.2 kg		26.8 kg		45.2 kg	

Model	i-D15C1R	i-D30C1R	i-D60C1R	i-D60C1L	i-D150C1L	i-D150C1X	i-D300C1X
Capacity x Default Readability	15 kg x 2 g	30 kg x 5 g	60 kg x 10 g		150 kg x 20 g		300 kg x 50 g
Capacity x Certified/Approved Readability	15 kg x 5 g	30 kg x 10 g	60 kg x 20 g		150 kg x 50 g		300 kg x 100 g
Approved Resolution	OIML 3000e						
Safe Overload Capacity	150% of capacity						
Base Construction	Stainless steel removable weighing platform and base construction						
Linearity/Repeatability	±1d						
Load Cell Capacity	30 kg	50 kg	100 kg		300 kg		500 kg
Load Cell Cable	2 m L x 6-wire						
Load Cell Type	350 Ohm Stainless steel single point						
Load Cell Excitation	5-15V DC/AC						
Load Cell Rated Output	2mV/V						
Load Cell Protection	IP67						
Base Dimensions (A x B x C x D x E)	355 x 305 x 122 x 75 x 379 mm			550 x 420 x 134 x 80 mm x 576 mm		650 x 500 x 150 x 90 x 675 mm	
Shipping Dimensions (L x W x H)	495 x 455 x 373 mm			1022 x 687 x 247 mm			
Net Weight	7.8 kg			14 kg		26.6 kg	
Shipping Weight	10.8 kg			18 kg		30.1 kg	

Outline Dimensions



Base	A	B	C	D	E
i-DxxxB1R	355 mm	305 mm	122 mm	75 mm	379 mm
i-DxxxB1L	550 mm	420 mm	134 mm	80 mm	576 mm
i-DxxxB1X	650 mm	500 mm	150 mm	90 mm	675 mm
i-DxxxB1V	800 mm	600 mm	154 mm	90 mm	826 mm
i-DxxxC1R	355 mm	305 mm	122 mm	75 mm	379 mm
i-DxxxC1L	550 mm	420 mm	134 mm	80 mm	576 mm
i-DxxxC1X	650 mm	500 mm	150 mm	90 mm	675 mm

Accessories

Wheel Kit, Defender Series.....	30372146
Wheel Kit SST Defender Series.....	30616409
Carrying Handle Kit i-DT33	30696600
LC Extension Cable, 9 meters*	30424409

Column Kit for i-DT33 indicator:

Column Kit, 330 mm, SST.....	30696595
Column Kit, 680 mm, SST.....	30696596
Column Kit, 330 mm, CS	30696597
Column Kit, 680 mm, CS	30696598
Column Kit, 980 mm, CS	30696599

Column Kit for DT52 indicator:

Column Kit, 350 mm, CS	30424410
Column Kit, 680 mm, CS	30424411
Column Kit, 980 mm, CS	30424412
Column Kit, 350 mm, SST.....	30424413
Column Kit, 680 mm, SST	30424414

Compliance

- **Metrology:** Load Cell: OIML (R60/2017-A-NL1-21.19, R60/2017-A-NL1-21.20, R60/2017-A-NL1-21.21, R60/2017-A-NL1-21.22, R60/2000-NL1-16.12); EN45501 (TC12114, TC12115, TC12116, TC12117, TC8620).
- **Ingress Protection:** IEC 60529 – IP67 (for i-DxC1y), IEC 60529 – IP65 (for i-DxB1y)
- **Compliance Marks:** CE, UKCA
- **Other:** WEEE, RoHS

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