

The OHAUS Defender 3000 Series bench scales are ideal for general weighing and simple counting applications in production, packaging, warehouse, inventory, and shipping and receiving areas. 132 x 0.02 lb and Legal for Trade 132 x 0.05 lb



**Capacity x
Readability**

Non Legal
Mode: 132 lb x
0.02 lb

Legal For Trade:
132 lb x 0.05 lb

Pan Size

16.5 x 21.6 in

Manufacture: Ohaus

SKU:

D31P60BL5

Free Ground Shipping
within the 48
continental US States



Legal for Trade

**Please Call
(800)832-0055**

Features

The OHAUS Defender 3000 Series bench scales are ideal for general weighing and simple counting applications in production, packaging, warehouse, inventory, and shipping and receiving areas. Featuring a simple yet rugged tubular-frame base design, indicators with tactile keys, backlit LCD display, built-in rechargeable battery operation and flexible mounting capabilities, these scales are ready to take your operation to the next level.

- **Applications** - Weighing, Parts Counting
- **Display** - Backlit Liquid Crystal Display (LCD)

- **Operation** - AC adapter (included) or rechargeable battery (included)
- **Communication** - Easy access communication port with RS232 interface (included)
- **Construction** - ABS indicator with reversible rear cover, painted steel base mount bracket with handle, 304 grade stainless steel platform with painted steel tubular frame, IP67 aluminum load cell, self-adjusting stainless steel feet with removable rubber caps
- **Design Features** - 125% overload protection, selectable span calibration points, averaging level, auto-zero tracking, battery saving auto-off, Geo Code geographical gravity calibration adjustment and software menu lockouts

Designed with affordability in mind, but with no compromise on quality! The OHAUS Defender 3000 Series economy line of bench scales is ideal for general weighing and simple counting applications in production, packaging, warehouse, inventory, shipping and receiving areas. The Defender 3000 Series feature a simple, rugged tubular steel base with overload stops and durable stainless steel pan. The Defender 3000 Series is the solution to your weighing applications that require dependability within an affordable budget.

Standard Features:

- Four Capacities: 33 lb/15 kg, 66 lb/30 kg, 132 lb/60 kg, and 330 lb/150 kg (depending on calibration unit used).
- Default resolution 1:6,000 to 1:7,500; NTEP certified and Measurement Canada approved to 3,000e.
- 304 stainless steel pan with painted carbon steel frame and aluminum IP67 load cell
- Indicator features a high-impact durable ABS plastic housing with painted steel mounting to front of scale base for applications requiring a low-profile. Mounting has handle built in for easy transportation.
- Adjustable non-slip rubber leveling feet with externally visible level indicator
- Multiple weighing units: lb, oz, lb:oz, kg, g (depending on model)
- Parts counting mode with selectable sample sizes, last sample size and Average Piece Weight data
- 1-in/25mm high LCD weight display with high-contrast backlight
- Built-in RS232 for printing and data connection
- AC adapter and internal rechargeable lead acid battery included
- Durable ABS plastic terminal houses a 100-hour rechargeable battery which allows for continuous operation for five straight days
- This tough industrial scale features a 304 stainless steel platform, painted steel tubular frame, aluminum load cell, and painted steel base mount bracket. Includes a handle for easy scale mobility.
- Easy-to-read display & basic counting mode allow for simple operation for everyday basic industrial applications. Offered with NTEP/Measurement Canada or OIML/EC Type approvals (depending on region).

Specifications

Model	D31P15BR5 30490640	D31P30BR5 30490641	D31P60BR5 30490642	D31P60BL5 30490643	D31P150BL5 30490644
			132 lb x 0.02 lb	132 lb x 0.02 lb	330 lb x 0.05 lb
	33 lb x 0.005 lb	66 lb x 0.01 lb	2,112 oz x	2,112 oz x	5,280 oz x
	528 oz x 0.05 oz	1056 oz x 0.2 oz	0.5 oz	0.5 oz	0.5 oz
Capacity x Readability	33 lb x 0.05 oz	66 lb x 0.2 oz	132 lb x 0.5 oz	132 lb x 0.5 oz	330 lb x 0.5 oz
	15 kg x 0.002 kg	30 kg x 0.005 kg			

	15 kg x 0.002 kg 15,000 g x 2 g	30 kg x 0.005 kg 30,000 g x 5 g	60 kg x 0.01 kg 60,000 g x 10 g 150 lb x 0.02 lb 2,400 oz x 0.2 oz 150 lb x 0.2 oz 68 kg x 0.01 kg 68,000 g x 10 g	60 kg x 0.01 kg 60,000 g x 10 g 150 lb x 0.02 lb 2,400 oz x 0.2 oz 150 lb x 0.2 oz 68 kg x 0.01 kg 68,000 g x 10 g	150 kg x 0.02 kg 150,000 g x 20 g 300 lb x 0.05 lb 4,800 oz x 1 oz 300 lb x 1 oz 136 kg x 0.02 kg 136,000 g x 20 g
Capacity x Readability (d) (Cal unit lb)	30 lb x 0.005 lb 480 oz x 0.1 oz 30 lb x 0.1 oz 13.6 kg x 0.002 kg 13,600 g x 2 g	60 lb x 0.01 lb 960 oz x 0.2 oz 60 lb x 0.2 oz 27 kg x 0.005 kg 27,000 g x 5 g			
Displayed Resolution	1:7,500	1:6,000	1:7,500	1:7,500	1:7,500
Legal for Trade Capacity x Readability	30 lb x 0.01 lb 480 oz x 0.2 oz	60 lb x 0.02 lb 960 oz x 0.5 oz	150 lb x 0.05 lb 2,400 oz x 1 oz	150 lb x 0.05 lb 2,400 oz x 1 oz	300 lb x 0.1 lb 4,800 oz x 2 oz
Approved Resolution	1:3,000				
Platform (W x D x min H)	12 x 14 x 4.8 in 305 x 355 x 123 mm			16.5 x 21.6 x 5.4 in 420 x 550 x 136 mm	
Front View Dimensions (F1 x F2 x F3 x F4 x F5 x F6)	8.3 x 6.5 x 12 x 4.8 x 2.9 x 10.1 in 210 x 166 x 305 x 123 x 75 x 256 mm			8.3 x 6.5 x 16.5 x 5.4 x 3.2 x 14.6 in 210 x 166 x 420 x 136 x 80 x 371 mm	
Side View Dimensions (S1 x S2 x S3 x S4 x S5)	5.1 x 23.8 x 13.8 x 12 x 2 in 130 x 605 x 355 x 306 x 52 mm			5.1 x 31.5 x 21.7 x 19.7 x 2 in 130 x 800 x 550 x 500 x 52 mm	
Safe Overload Capacity	125% of rated capacity				
Functions	Weighing, Parts Counting				
Weight Display	6-digit, 7-segment backlit LCD, 1 inch / 25 mm high digits				
Keyboard Display	Parts Counting, Dynamic, Checkweighing, Weight Accumulation				
Keypad	6-digit, 7-segment LCD, 25 mm Digit Height, High-Contrast White LED Backlight				
Stabilization Time	4 function mechanical keys, raised, tactile				
Auto-zero Tracking	Within 2 seconds				
Key Zeroing Range	Off, 0.5, 1 or 3 divisions				
	2% or 100% of capacity				

Span Calibration	5 lb or kg to 100% of capacity	
Power	AC adapter with 100-hour internal rechargeable lead acid battery included	
Interface	Bi-directional RS232C	
Operating Temperature Range	14°F to 104°F / -10°C to 40°C, Maximum relative humidity 80 % for temperatures up to 88°F / 31°C	
Range	Decreasing linearly to 50 % relative humidity at 104°F / 40°C, non condensing	
Net Weight	25 lb	43 lb
	11.5 kg	19.5 kg
Shipping Weight	33 lb	51 lb
	15 kg	23 kg
Shipping Dimensions	25.3 x 19.6 x 8.5 in	33.7 x 22.2 x 8.9 in
	642 x 497 x 212 mm	857 x 564 x 225 mm

Features Indicator housing with internal rib reinforcements, reversible front/rear cover, built-in 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, selectable span calibration points, averaging level, auto-zero tracking, battery saving auto-off, Geo Code geographical gravity calibration adjustment and software menu lockouts.

Accessories Call OHAUS for information on wheel kit, USB and Ethernet adapters, printer and cable accessories

Compliance

- Markings: CE, cULus, RCM
- Metrology: Measurement Canada (Indicator: NoA AM-5713C, Platforms: NoA AM-5667); NTEP (Indicator: CC 08-066, Platforms: CC 08-021)
- Product Safety: EN 61010-1; UL 60950-1; CSA C22.2 60950-1
- Electromagnetic Compatibility: EN 61326-1 Class B, Basic environments; FCC Part 15 Class A; ICES-003 Class A

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