

Defender™ 3000 Bench Scales features a simple, yet rugged, tubular-frame base design and the T31P indicator with tactile keys, backlit LCD display, built-in rechargeable battery operation and flexible mounting capabilities.



**Capacity x  
Readability**

Non Legal Mode: 300 lb  
x 0.05 lb

Legal For Trade: 300 lb  
x 0.1 lb

**Pan Size**

19.7 x 25.6 in

Manufacture: Ohaus

SKU: **D31P150BX**

UPC: B0051W7WVM

Free Ground Shipping  
within the 48 continental  
US States



Legal for Trade

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

**Features**

Defender™ 3000 Bench Scales features a simple, yet rugged, tubular-frame base design and the T31P indicator with tactile keys, backlit LCD display, built-in rechargeable battery operation and flexible mounting capabilities.

- Four scale capacity models: 60lb/30kg, 150lb/60kg, 300lb/150kg, 600lb/300kg
- Maximum Resolution 1:6000-7500d
- 304 stainless steel pan, frame and IP67 load cell
- Adjustable non-slip rubber leveling feet with externally visible level indicator
- T31P indicator features a ABS plastic housing with internal rib reinforcements, reversible front/rear cover, backlit LCD
- Multiple weighing units: lb, oz, lb:oz, kg, g
- Parts counting mode with selectable sample sizes, last sample size and Average Piece Weight data
- 1 inch (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

**Specifications**

<b>Model Number</b>	<b>D31P15BR</b> (30369116)	<b>D31P30BR</b> (83998111)	<b>D31P60BR</b> (83998112)	<b>D31P60BL</b> (83998113)	<b>D31P150BL</b> (83998114)	<b>D31P150BX</b> (83998115)	<b>D31P300BX</b> (83998116)	<b>D31P300BX-W</b> With Wheels
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<b>Capacity x Readability</b>	33 x 0.005 lb 528 x 0.1 oz 15 x 0.002 kg 15000 x 2 g	60 x 0.01 lb 960 x 0.2 oz 30 x 0.005 kg 30000 x 5 g	150 x 0.02 lb 2400 x 0.5 oz 60 x 0.01 kg 60000 x 10 g	150 x 0.02 lb 2400 x 0.5 oz 60 x 0.01 kg 60000 x 10 g	300 x 0.05 lb 4800 x 1 oz 150 x 0.02 kg 150,000 x 20 g 150000 x 20 g	300 x 0.05 lb 150 x 0.02 kg 150,000 x 20 g 4,800 oz x 1 oz	600 x 0.1 lb 300 x 0.05 kg 300,000 x 50 g 9,600 x 0.2 oz	600 x 0.1 lb 300 x 0.05 kg 300,000 x 50 g 9,600 x 0.2 oz
<b>(lb:oz)</b>	30 lb x 0.1 oz	60 lb x 0.2 oz	-	-	300 lb x 1 oz	300 lb x 1 oz (	600 lb x 2 oz	600 lb x 2 oz
<b>Maximum Displayed Resolution</b>	1:7500	1:6000	1:7500	1:7500	1:7500	1:7500	1:6000	1:6000
<b>Legal for Trade Capacity x Readability</b>	30 x 0.01 lb 15 kg x 5 g	66 x 0.02 lb 30 kg x 10 g	132 x 0.05 lb 60 kg x 20 g	132 x 0.05 lb 60 kg x 20 g	330 x 0.1 lb 150 kg x 50 g	330 x 0.1 lb 150 kg x 50 g	660 x 0.2 lb 300 kg x 100 g	660 x 0.2 lb 300 kg x 100 g
<b>Approved Resolution</b>	1:3000							
<b>Legal for Trade</b>	NTEP Indicator: 08-066A1 Base: 08-021 Canada: Indicator AM-5713C Rec 1 Base: AM-5667							
<b>Wheels</b>	-							YES
<b>Load Cell Protection</b>	Dry use for scale IP67 for loadcell							
<b>Base Construction</b>	304 stainless steel pan with painted carbon steel frame, non-slip rubber leveling feet							
<b>Platform Dimensions (W x D x min H)</b>	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		19.7" x 25.6" x 5.6" 500 x 650 x 143 mm		
<b>Column</b>	13.8 in / 350 mm fixed height, tubular painted steel			27.6 in / 700 mm fixed height, tubular painted steel				
<b>Leveling Component</b>	Externally visible level bubble and adjustable leveling feet with locking nuts							
<b>Safe Overload Capacity</b>	125% of rated capacity							
<b>Indicator Construction</b>	ABS plastic housing							
<b>Weighing Units</b>	lb, oz, lb:oz, kg, g							
<b>Functions</b>	Weighing, Parts Counting							
<b>Weight Display</b>	6-digit, 7-segment backlit LCD, 1 inch / 25 mm high digits							
<b>Keyboard</b>	4 function mechanical keys, raised, tactile							
<b>Stabilization Time</b>	Within 2 seconds							
<b>Auto Zero Tracking</b>	Off, 0.5, 1 or 3 divisions							
<b>Key Zeroing Range</b>	2% or 100% of capacity							
<b>Span Calibration</b>	5 lb/kg to 100% of capacity, user selectable							
<b>Power</b>	AC adapter with 100-hour internal rechargeable lead acid battery included							
<b>Interface</b>	Bidirectional RS232C							
<b>Operating Temperature Range</b>	14°F to 104°F / -10°C to 40°C, Maximum relative humidity 80 % for temperatures up to 31°C / 88°F, decreasing linearly to 50 % relative humidity at 40°C / 104°F, non condensing							

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