



2015 Food Scales

Commercial Weighing Equipment



Defender® 7000



Valor® 4000



Aviator® 7000

Ingeniously Practical

Standard Scale & Supply Company
25421 Glendale Avenue
Redford, MI 48239
313-255-6700
www.standardscale.com

Price Computing



REMOVABLE PAN

Shown with tower

Aviator® 7000

Standard Retail Price Computing Scales

- ABS and stainless steel pan
- Backlit display with large LCD on front and back of scale – tower models available
- Light touch technology and user friendly keyboard
- Totalization and 100 PLU memory storage
- Accessories for external connectivity and POS
- Includes internal rechargeable batteries and AC adapter.



NTEP
3,000d



Price
Computing



Totalization

Model	A71P15DNUS	A71P15DTNUS	A71P30DNUS	A71P30DTNUS
Capacity	15 x 0.005 lb/30 x 0.01 lb 6 kg x 2 g/15 kg x 5 g		30 x 0.01 lb/60 x 0.02 lb 15 kg x 5 g/30 kg x 10 g	
Typical Battery Life	Up to 150 Hours (Backlight off)			
Pan Size	9.5 x 13.3 in			



With easily-replaceable Keypads



Cable Case

Portioning/Baking



REMOVABLE PAN

Valor® 7000

Compact Bench Scales

- ABS housing, dishwasher safe removable stainless steel pan
- Backlit LCD display and check weighing LEDs on front and back
- Rapid stabilization under 1 second
- Percentage weighing, check weighing, check percentage, accumulation
- Hands-free operation with touch-less sensor
- Includes 210-hour internal rechargeable battery and AC adapter.



NTEP 3,000d



Measurement
Canada
3,000d



NSF
Listed



USDA-AMS
Accepted



Percent
Weighing



Check-
weighing



Totalization



Rechargeable
Battery



RS232



RS232x2 /
USB/
Ethernet
(Optional)

**SUPPORTS
HACCP**

Model		V71P1502T	V71P3T	V71P6T	V71P15T	V71P30T
Capacity × Readability	Default	1.5 × 0.00005 kg 3 × 0.0001 lb 1,500 × 0.05 g 48 × 0.002 oz	3 × 0.0001 kg 6 × 0.0002 lb 3,000 × 0.1 g 96 × 0.005 oz	6 × 0.0002 kg 15 × 0.0005 lb 6,000 × 0.2 g 240 × 0.01 oz	15 × 0.0005 kg 30 × 0.001 lb 15,000 × 0.5 g 480 × 0.02 oz	30 × 0.001 kg 60 × 0.002 lb 30,000 × 1 g 960 × 0.05 oz
	Certified / Approved	1.5 × 0.0005 kg 3 × 0.001 lb 1,500 × 0.5 g 48 × 0.02 oz	3 × 0.001 kg 6 × 0.002 lb 3,000 × 1 g 96 × 0.05 oz	6 × 0.002 kg 15 × 0.005 lb 6,000 × 2 g 240 × 0.1 oz	15 × 0.005 kg 30 × 0.01 lb 15,000 × 5 g 480 × 0.2 oz	30 × 0.01 kg 60 × 0.02 lb 30,000 × 10 g 960 × 0.5 oz
Weighing Units		kg, g, lb, oz, lb:oz kg, g, lb, oz (certified)				
Platform Size (W × L)		11.8 × 8.9 in. / 300 × 225 mm				

NSF Listed/Certified to NSF/ANSI 169-2005 Special Purpose Food Equipment and Devices (formerly NSF C-2); USDA/AMS Accepted to NSF/3-A 14159-1 Hygiene Requirements for the Design of Meat and Poultry Processing Equipment; meets requirements for HACCP conformity.

Portioning/Baking

REMOVABLE PAN



Optional Carrying Case
(Item # 80251394)



Optional Foot Tare Switch
for hands-free scale
use, (Item # 71169633)

FD Series

Compact Bench Scales

- All stainless steel construction, dishwasher safe removable pan
- Backlit LCD display with checkweighing LEDs
- Percentage Weighing and Checkweighing software
- Includes 120-hour internal rechargeable battery and AC adapter.

SUPPORTS HACCP



NTEP
Certified
(non-H
models)



Measurement
Canada
Approved
(non-H models)



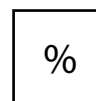
USDA-AMS
Accepted



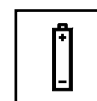
NSF
Listed



Check-
weighing



Percent
Weighing



Rechargeable
Battery

Model	FD3H	FD6H	FD15H
Capacity x Readability	6 x 0.0002 lb 96 x 0.00 x 0.05 oz 96 x 1/4 oz 6 lb 0 oz x 0.1 oz 6 lb 0 oz x 1/4 oz 3 x 0.0001 kg 3,000 x 0.1 g	15 x 0.001 lb 240 x 0.01 oz 240 x 1/4 oz 15 lb 0 oz x 0.1 oz 15 lb 0 oz x 1/4 oz 6 x 0.0002 kg 6,000 x 0.2 g	30 x 0.001 lb 480 x 0.02 oz 480 x 1/4 oz 30 lb 0 oz x 0.1 oz 30 lb 0 oz x 1/4 oz 15 x 0.001 kg 15,000 x 1 g
Pan Size	8.2 x 8.2 in / 209 x 209 mm		
Construction	All stainless steel		

LEGAL FOR TRADE MODELS

Model		FD3	FD6	FD15
Capacity x Readability	Default	6 x 0.001 lb 96 x 0.02 or 1/4 oz 6 lb:0 oz x 0.1 or 1/4 oz 3 x 0.0005 kg 3,000 x 0.5 g	15 x 0.002 lb 240 x 0.05 or 1/4 oz 15 lb:0 oz x 0.1 or 1/4 oz 6 x 0.001 kg 6,000 x 1 g	30 x 0.005 lb 480 x 0.1 or 1/4 oz 30 lb:0 oz x 0.1 or 1/4 oz 15 x 0.002 kg 15,000 x 2 g
	Certified/ Approved	3 x 0.001 kg 3,000 x 1 g 6 x 0.002 lb 96 x 0.05 oz or 1/4 oz	6 x 0.002 kg 6,000 x 2 g 15 x 0.005 lb 240 x 0.1 oz or 1/4 oz	15 x 0.005 kg 15,000 x 5 g 30 x 0.01 lb 480 x 0.2 oz or 1/4 oz
Pan Size		8.2 x 8.2 in / 209 x 209 mm		
Construction		All stainless steel		

NTEP Certificate of Conformance 05-072. Measurement Canada Notice of Approval AM-5582. NSF Listed/Certified to NSF/ANSI 169-2005 Special Purpose Food Equipment and Devices (formerly NSF C-2); USDA/AMS Accepted to NSF/3-A 14159-1 Hygiene Requirements for the Design of Meat and Poultry Processing Equipment; meets requirements for HACCP conformity.

Portioning/Baking



Valor® 3000 Xtreme Portable Scales

- 1:3,000-1:6,000 displayed resolution (by model)
- Stainless steel construction, dishwasher-safe removable pan
- Backlit LCD display
- Specific Gravity Determination and % Weighing software included



NTEP 3,000d
(N Models)



NSF
Listed



USDA-AMS
Accepted



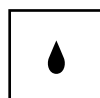
Percent
Weighing



SPG
Specific
Gravity Mode



Battery
Power



NEMA 4X/IP65
XW Models only

Model	V31XW301	V31X3	V31XW3	V31X3N	V31X6	V31XW6	V31X6N
Capacity x Readability	0.6615 x 0.0005 lb 10.585 x 0.005 oz 10 1/2 x 1/8 oz — 0.3 x 0.0001 kg 300 x 0.1 g 10.140 x 0.005 fl oz	6.615 x 0.005 lb 105.8 x 0.05 oz 105 1/2 x 1/8 oz 6 lb : 9.80 oz x 0.05 oz 6 lb : 9 1/2 oz x 1/8 oz 3 x 0.001 kg 3,000 x 1 g 101.45 x 0.05 fl oz	6.615 x 0.002 lb 105.80 x 0.02 oz 105 1/2 x 1/8 oz 6 lb : 9.80 oz x 0.02 oz 6 lb : 9 1/2 oz x 1/8 oz 3 x 0.0005 kg 3,000 x 0.5 g 101.44 x 0.02 fl oz	6.615 x 0.002 lb 105.8 x 0.02 oz 105 1/2 x 1/8 oz 6 lb : 9.80 oz x 0.02 oz 6 lb : 9 1/2 oz x 1/8 oz 3 x 0.0005 kg 3,000 x 0.5 g 101.44 x 0.02 fl oz	13.225 x 0.005 lb 211.65 x 0.05 oz 211 1/2 x 1/8 oz 13 lb : 3.65 oz x 0.05 oz 13 lb : 3 1/2 oz x 1/8 oz 6 x 0.001 kg 6,000 x 1 g 202.90 x 0.05 fl oz	13.225 x 0.005 lb 211.60 x 0.05 oz 211 1/2 x 1/8 oz 13 lb : 3.60 oz x 0.05 oz 13 lb : 3 1/2 oz x 1/8 oz 6 x 0.001 kg 6,000 x 1 g 202.90 x 0.05 fl oz	13.225 x 0.05 lb 211.65 x 0.05 oz 211 1/2 x 1/8 oz 13 lb : 3.65 oz x 0.05 oz 13 lb : 3 1/2 oz x 1/8 oz 6 x 0.001 kg 6,000 x 1 g 202.90 x 0.05 fl oz
NTEP Certified Capacity x Readability	Not NTEP Certified	Not NTEP Certified	6.6 x 0.005 lb 105.80 x 0.05 oz 3 x 0.001 kg 3,000 x 1 g	6.6 x 0.005 lb 105.8 x 0.05 oz 3 x 0.001 kg 3,000 x 1 g	Not NTEP Certified	13.2 x 0.005 lb 211.6 x 0.1 oz 6 x 0.002 kg 6,000 x 2 g	13.2 x 0.005 lb 211.6 x 0.1 oz 6 x 0.002 kg 6,000 x 2 g
Battery Life	50 hours minimum	120 hours minimum	50 hours minimum	120 hours minimum	120 hours minimum	50 hours minimum	120 hours minimum
Pan Size	5.8 x 6.2 in / 14.6 x 15.8 cm						
Protection	Washdown	Dry Use	Washdown	Dry Use	Dry Use	Washdown	Dry Use

NTEP Certificate of Conformance No. 08-008, NSF Listed/Certified to NSF/ANSI 169-2005 Special Purpose Food Equipment and Devices (formerly NSF C-2); USDA/AMS Accepted to NSF/3-A 14159-1 Hygiene Requirements for the Design of Meat and Poultry Processing Equipment; meets requirements for HACCP conformity.



Valor® 3000 Xtreme Portable Scales

- NSF Listed/Certified, USDA-AMS Accepted, supports HACCP-Certified systems
- Stainless steel construction, dishwasher-safe removable pan
- Backlit LCD display
- Specific Gravity Determination and % Weighing software included



NSF
Listed



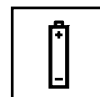
USDA-AMS
Accepted



Percent
Weighing



SPG
Specific
Gravity Mode



Battery
Power

HIGH RESOLUTION MODELS!

Model	V31XH202	V31XH402	V31X501	V31XH2	V31XH4
Capacity x Readability	0.4409 x 0.00005 lb 7.055 x 0.0005 oz 7 x 1/8 oz — 0.2 x 0.00001 kg 200 x 0.01 g 6.7630 x 0.0005 fl oz	0.88185 x 0.00005 lb 14.1095 x 0.0005 oz 14 1/8 x 1/8 oz — 0.40000 x 0.00001 kg 400 x 0.01 g 13.5255 x 0.0005 fl oz	1.1025 x 0.0005 lb 17.635 x 0.005 oz 17 3/8 x 1/8 oz 1 lb : 1.64 oz x 0.01 oz 1 lb : 1 1/8 oz x 1/8 oz 0.5000 x 0.0001 kg 500 x 0.1 g 16.905 x 0.005 fl oz	4.409 x 0.0005 lb 70.55 x 0.005 oz 70 1/2 x 1/8 oz 4 lb : 6.55 oz x 0.01 oz 4 lb : 6 1/2 oz x 1/8 oz 2 x 0.0001 kg 2,000 x 0.1 g 67.630 x 0.005 fl oz	8.81850 x 0.0005 lb 141.095 x 0.005 oz 141 1/8 x 1/8 oz 8 lb : 13.10 oz x 0.01 oz 8 lb : 13 1/8 oz x 1/8 oz 4.0000 x 0.0001 kg 4,000 x 0.1 g 135.255 x 0.005 fl oz
Typical Battery Life	50 hours minimum	120 hours minimum	50 hours minimum		
Pan Size	5.8 x 6.2 in / 14.6 x 15.8 cm	4.72 in / 12 cm dia	4.72 in / 12 cm dia	5.8 x 6.2 in / 14.6 x 15.8 cm	

NSF Listed/Certified to NSF/ANSI 169-2005 Special Purpose Food Equipment and Devices (formerly NSF C-2); USDA/AMS Accepted to NSF/3-A 14159-1 Hygiene Requirements for the Design of Meat and Poultry Processing Equipment; meets requirements for HACCP conformity.

Portioning/Processing

NEW



V41XW

Valor® 4000

Washdown Scales

- IP X8 Wash-down Protection
- ABS (P version) or stainless steel (XW version) housing, dishwasher-safe removable stainless steel pan on both models
- Large bright LED displays on front and back of scale, touchless sensor for hands-free use
- Percent weighing, check weighing, accumulation
- Includes 50-hour internal rechargeable battery and AC adapter.
- Knife resistant, Polycarbonate keypad



NTEP 3,000d
(non-H models)



Measurement
Canada 3,000d
(non-H models)



NSF
Listed



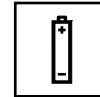
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Accepted



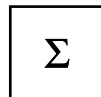
Percent
Weighing



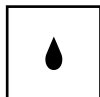
Check-
weighing



Rechargeable
Battery



Totalization



IP X8

**SUPPORTS
HACCP**



V41PW

REMOVABLE PAN

Model		V41PWE1501T V41XWE1501T	V41PWE3T V41XWE3T	V41PWE6T V41XWE6T	V41PWE15T V41XWE15T
Capacity x Readability	Default	1.5 x 0.00005 kg 3 x 0.0001 lb 1,500 x 0.05 g 48 x 0.002 oz	3 x 0.0001 kg 6 x 0.0002 lb 3,000 x 0.1 g 96 x 0.005 oz	6 x 0.0002 kg 15 x 0.0005 lb 6,000 x 0.2 g 240 x 0.01 oz	15 x 0.0005 kg 30 x 0.001 lb 15,000 x 0.5 g 480 x 0.02 oz
	Certified / Approved	1.5 x 0.0005 kg 3 x 0.001 lb 1,500 x 0.5 g 48 x 0.02 oz	3 x 0.001 kg 6 x 0.002 lb 3,000 x 1 g 96 x 0.05 oz	6 x 0.002 kg 15 x 0.005 lb 6,000 x 2 g 240 x 0.1 oz	15 x 0.005 kg 30 x 0.01 lb 15,000 x 5 g 480 x 0.2 oz
Platform Size (W x L)		190 x 242 mm / 7.5 x 9.5 in			



V22XW

Valor® 2000

Washdown Scales

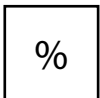
- IP X8 Wash-down Protection
- ABS (P version) or stainless steel (XW version) housing, dishwasher-safe removable stainless steel pan on both models
- Includes 50-hour internal rechargeable battery and AC adapter.
- Knife resistant, Polycarbonate keypad



NSF
Listed



USDA-AMS
Accepted



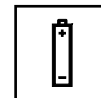
Percent
Weighing



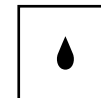
Check-
weighing
(XW models)



Totalization



Rechargeable
Battery



IP X8

**SUPPORTS
HACCP**



V22PW

REMOVABLE PAN

Model		V22PWE1501T V22XWE1501T	V22PWE3T V22XWE3T	V22PWE6T V22XWE6T	V22PWE15T V22XWE15T
Capacity x Readability	Default	1.5 kg x 0.0002 kg 1500 g x 0.2 g 3 lb x 0.0005 lb 48 oz x 0.01 oz 3 lb x 0.01 oz (lb:oz)	3 kg x 0.0005 kg 3000 g x 0.5 g 6 lb x 0.001 lb 96 oz x 0.02 oz 6 lb x 0.02 oz (lb:oz)	6 kg x 0.001 kg 6000 g x 1 g 15 lb x 0.002 lb 240 oz x 0.05 oz 15 lb x 0.05 oz (lb:oz)	15 kg x 0.002 kg 15000 g x 2 g 30 lb x 0.005 lb 480 oz x 0.1 oz 30 lb x 0.1 oz (lb:oz)
Pan Size		190 x 242 mm / 7.5 x 9.5 in			

Portioning

REMOVABLE PAN



Valor® 1000

Compact Bench Scales

- ABS housing, removable stainless steel pan
- NSF Listed/Certified, supports HACCP systems
- Single or dual backlit LCD display
- Checkweighing and Accumulation software included
- Includes 80-hour internal rechargeable battery and AC adapter.



NSF
Listed



Check-
weighing



Totalization



Rechargeable
Battery

**SUPPORTS
HACCP**

Single Display Model	V11P3	V11P6	V11P15	V11P30
Dual Display Model	V11P3T	V11P6T	V11P15T	V11P30T
Capacity × Readability	6.6 × 0.001 lb 105 × 0.02 oz 3,000 × 0.5 g 3 × 0.0005 kg	13 × 0.002 lb 210 × 0.05 oz 6,000 × 1 g 6 × 0.001 kg	33 × 0.00516 lb 520 × 0.1 oz 15,000 × 2 g 15 × 0.002 kg	66 × 0.02 lb 1058 × 0.5 oz 30,000 × 5 g 30 × 0.005 kg
Pan Size	9.9 × 7.1 in / 250 × 180 mm			
Construction	ABS housing and stainless steel pan			

Baking/Pastry



REMOVABLE
PAN



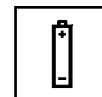
Padded carrying case and
3 "AA" batteries included

CL5000F

Portioning Scale

- Sealed front panel for added resistance to spills
- Removable dishwasher safe stainless steel pan
- High contrast LCD for fast weight display in g, oz, or lb:oz
- Shipping lock for added protection during transport
- Battery power with auto-shut off feature
- Padded carrying case included
- AC power optional, runs on 3 "AA" batteries (included)

Model	CL5000F
Capacity × Readability	5,000 × 1 g 11 lb:0.4 oz × 0.1 oz 176 × 0.1 oz
Pan Size (Diameter)	4.75 in / 12.0 cm



Battery
Power

Checkweighing



CKW

Dedicated Checkweigher

- All stainless steel construction with NEMA 4X/IP66 washdown protection, 11.8 inch high column
- Quick operation with fully configurable bright LED weight display
- Fully programmable red/yellow/green 24 LED checkweighing display
- 20-item library for Over, Under, Target, and Tare values
- AC powered -- internal rechargeable battery available as option



NTEP
Certified



Measurement
Canada
Approved



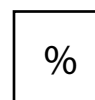
NSF
Listed



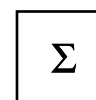
USDA-AMS
Accepted



Check-
weighing



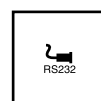
Percent
Weighing



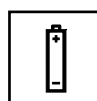
Totalization



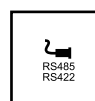
NEMA 4X /
IP66



RS232
Interface



Rechargeable
Battery
(Optional)



RS485/422
(Optional)

**SUPPORTS
HACCP**

REMOVABLE PAN

Model		CKW3R55	CKW6R55	CKW15L55	CKW30L55
Capacity × Readability	Default	6 × 0.001 lb 96 × 0.02 oz 6 lb × 0.02 oz 3 × 0.0005 kg	15 × 0.002 lb 240 × 0.05 oz 16 lb × 0.05 oz 6 × 0.001 kg	30 × 0.005 lb 480 × 0.1 oz 30 lb × 0.1 oz 15 × 0.002 kg	60 × 0.01 lb 960 × 0.2 oz 60 lb × 0.2 oz 30 × 0.005 kg
	Certified / Approved	6 × 0.002 lb 96 × 0.05 oz 3 × 0.001 kg	15 × 0.005 lb 240 × 0.1 oz 6 × 0.002 kg	30 × 0.01 lb 480 × 0.2 oz 15 × 0.005 kg	60 × 0.02 lb 960 × 0.5 oz 30 × 0.01 kg
Scale Base Size		10 × 10 × 2.3 in / 254 × 254 × 57.5 mm		12 × 12 × 2.3 in / 305 × 305 × 57.5 mm	12 × 12 × 2.7 in / 305 × 305 × 69.5 mm
Column		11.8 in / 29.97 cm stainless steel			
Construction		All stainless steel indicator, base, weighing pan, loadcell, and column			

Made from Certified/Approved components. NTEP Certificate of Conformance 06-030 for bases, 06-038 for indicator. • Measurement Canada Notice of Approval AM-5422 on Base, AM-5340 Rev. 1 on Indicator.

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Baking/Receiving



REMOVABLE PAN

Defender® 7000XW

Xtreme Square Washdown Bench Scales

- Large dual line backlit LCD display with alphanumeric keypad for data entry
- Counting, Percent Weighing, Dynamic/Animal Weighing, Checkweighing, Totalization, Display Hold and 255 item library function included
- AC powered -- internal rechargeable battery available as option



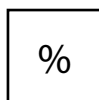
NTEP 3,000
or 5,000d



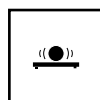
Measurement
Canada 3,000
or 5,000d



Parts
Counting



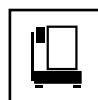
Percent
Weighing



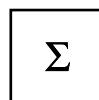
Dynamic/
Animal Weighing



Check-
weighing



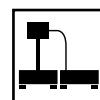
Display
Hold



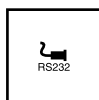
Totalization



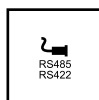
GMP/GLP



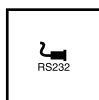
External
Analog Base
Input



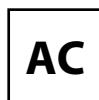
RS232



RS485/422
(Optional)



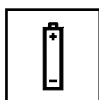
RS232 x2
(Optional)



AC Relay
(Optional)



DC Relay
(Optional)



Rechargeable
Battery
(Optional)



NEMA 4X/IP66
w/"W" base

Model		D71XW10WR3	D71XW25WR3	D71XW50WL4	D71XW100WL4	D71XW250WX4
Capacity × Readability	Default	25 × 0.002 lb 400 × 0.05 oz 25 lb × 0.05 oz 10 × 0.001 kg	50 × 0.005 lb 800 × 0.1 oz 50 lb × 0.1 oz 25 × 0.002 kg	100 × 0.01 lb 1,600 × 0.2 oz 100 lb × 0.2 oz 50 × 0.005 kg	250 × 0.02 lb 4,000 × 0.5 oz 250 lb × 0.5 oz 100 × 0.01 kg	500 × 0.05 lb 8,000 × 1 oz 500 lb × 1 oz 250 × 0.02 kg
	Certified / Approved	25 × 0.005 lb 10 × 0.002 kg 400 × 0.1 oz	50 × 0.01 lb 25 × 0.005 kg 800 × 0.2 oz	100 × 0.02 lb 50 × 0.01 kg 1,600 × 0.5 oz	250 × 0.05 lb 100 × 0.02 kg 4,000 × 1 oz	500 × 0.1 lb 250 × 0.05 kg 8,000 × 2 oz
Scale Base Size		12 × 12 × 3.8 in / 30 × 30 × 9.5 cm		18 × 18 × 4.5 in / 45 × 45 × 11.5 cm		24 × 24 × 5.4 in / 61 × 61 × 13.7 cm
Column		13.8 in / 35 cm stainless steel		26.8 in / 68 cm stainless steel		
Construction		Stainless steel indicator, weighing pan, loadcell, column and base construction				

Made from Certified/Approved weighing components • *NTEP Certificate of Conformance Nos. 09-102 and 01-048AL, Measurement Canada Notices of Approval AM-5762 and AM-5719

Please visit www.ohaus.com to view more Defender models

Baking/Receiving

Square Base



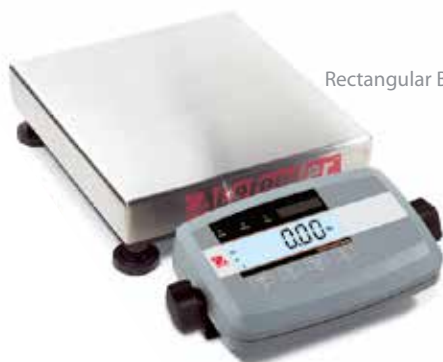
Defender® 5000

Low Profile Scales

- ABS plastic indicator, stainless steel pan, painted steel base and mounting bracket, aluminum load cell
- Large backlit LCD display
- Counting, Percent Weighing, Dynamic/Animal Weighing, Checkweighing, and Display Hold software included
- Can be powered by AC line cord (included) or 6 "C" cell batteries (not included) -- internal rechargeable battery available as an option

REMOVABLE PAN

Rectangular Base



NTEP Certified	Measurement Canada Approved	Parts Counting	Percent Weighing	Checkweighing	Dynamic/Animal Weighing	Display Hold	Battery Power
Rechargeable Battery (Optional)	GMP/GLP	RS232	RS232 x2 (Optional)	RS485/422 (Optional)	AC Relay (Optional)	DC Relay (Optional)	

Defender® 5000 Square Bench Scales 1:5,000 Legal For Trade Resolution

Model		D51P10QR5	D51P25QR5	D51P50QL5	D51P100QL5	D51P250QX5
Capacity × Readability	Default	25 × 0.002 lb 400 × 0.05 oz 25 lb × 0.05 oz 10 × 0.001 kg	50 × 0.005 lb 800 × 0.1 oz 50 lb × 0.1 oz 25 × 0.002 kg	100 × 0.01 lb 1,600 × 0.2 oz 100 lb × 0.2 oz 50 × 0.005 kg	250 × 0.02 lb 4,000 × 0.5 oz 250 lb × 0.5 oz 100 × 0.01 kg	500 × 0.05 lb 8,000 × 1 oz 500 lb × 1 oz 250 × 0.02 kg
	Certified / Approved	25 × 0.005 lb 10 × 0.002 kg 400 × 0.1 oz	50 × 0.01 lb 25 × 0.005 kg 800 × 0.2 oz	100 × 0.02 lb 50 × 0.01 kg 1,600 × 0.5 oz	250 × 0.05 lb 100 × 0.02 kg 4,000 × 1 oz	500 × 0.10 lb 250 × 0.05 kg 8,000 × 2 oz
Scale Base Size		12 × 12 × 3.8 in / 30 × 30 × 9.5 cm		18 × 18 × 4.5 in / 45 × 45 × 11.5 cm		24 × 24 × 5.4 in / 61 × 61 × 13.7 cm
Construction		ABS plastic indicator, stainless steel weighing pan and aluminum loadcell, painted steel mounting bracket and base construction				

Made from Certified/Approved weighing components • NTEP Certificate of Conformance Nos. 08-039 and 01-048A1, Measurement Canada Notices of Approval AM 5687 and AM-5719

Defender® 5000 Rectangular Bench Scales 1:2,000-1:3,000 Legal for Trade Resolution

Model		D51P15HR5	D51P30HR5	D51P60HR5	D51P60HL5	D51P100HL5	D51P150HX5	D51P300HX5
Capacity × Readability	Default	30 × 0.002 lb 480 × 0.05 oz 30 lb × 0.05 oz 15 × 0.001 kg	60 × 0.005 lb 960 × 0.1 oz 60 lb × 0.1 oz 30 × 0.002 kg	150 × 0.01 lb 2,400 × 0.2 oz 150 lb × 0.2 oz 60 × 0.005 kg		250 × 0.02 lb 4,000 × 0.5 oz 250 lb × 0.5 oz 100 × 0.01 kg	300 × 0.02 lb 4,800 × 0.5 oz 300 lb × 0.5 oz 150 × 0.01 kg	600 × 0.05 lb 9,600 × 1 oz 600 lb × 1 oz 300 × 0.02 kg
	Certified / Approved	30 × 0.01 lb 480 × 0.2 oz 15 × 0.005 kg	60 × 0.02 lb 960 × 0.5 oz 30 × 0.01 kg	150 × 0.05 lb 2,400 × 1 oz 60 × 0.02 kg		250 × 0.1 lb 4,000 × 2 oz 100 × 0.05 kg	300 × 0.1 lb 4,800 × 2 oz 150 × 0.05 kg	600 × 0.2 lb 9,600 × 5 oz 300 × 0.1 kg
Scale Base Size		12 × 14 × 3.7 in / 30.5 × 35.5 × 9.5 cm			15.7 × 19.7 × 4.1 in / 40 × 50 × 10.5 cm		16.5 × 21.7 × 4.9 in / 42 × 55 × 10.5 cm	
Construction		ABS plastic indicator, stainless steel weighing pan and aluminum loadcell, painted steel mounting bracket and base construction						

Made from Certified/Approved weighing components • NTEP Certificate of Conformance Nos. 08-039 and 99-203A3, Measurement Canada Notices of Approval AM 5687 and AM-5675

Receiving



Defender® 3000

Wheeled Bench Scales

- Stainless steel pan with painted carbon steel frame and column, ABS indicator, aluminum load cell and polyurethane wheels
- Backlit LCD display
- Polyurethane wheels with quick-lock mechanism
- Parts Counting software included
- Includes 100-hour internal rechargeable battery and AC adapter.



NTEP
Certified



Measurement
Canada Approved



Parts
Counting



RS232
Interface



Rechargeable
Battery

Model	D31P250TX	D31P500TX
Capacity × Readability	500 × 0.1 lb / 227 × 0.05 kg 250 × 0.05 kg / 551 × 0.2 lb	1,000 × 0.2 lb / 454 × 0.1 kg 500 × 0.1 kg / 1,102 × 0.5 lb
Certified / Approved Resolution	500 × 0.2 lb 250 × 0.1 kg	1,000 × 0.5 lb 500 × 0.2 kg
Column	40.5 in / 1,030 mm stainless steel	
Pan Dimensions (W × D)	20 × 28 in / 508 × 710 mm	
Construction	ABS indicator, stainless steel weighing pan, aluminum loadcell, painted steel frame and column, polyurethane wheels	

Made from Certified/Approved weighing components • NTEP Certificate of Conformance No. 09-056 for base, 08-066A1 for indicator • Measurement Canada Notice of Approval AM-5723 for bases, AM-5713C Rev.1 for indicator

REMOVABLE PAN



Polyurethane wheels with quick-lock mechanism

Receiving



REMOVABLE
PAN

Defender® 3000XW

Xtreme Washdown Scales

- NEMA 4X / IP65 washdown protection, stainless-steel indicator, column, pan, load cell and base
- Backlit LCD display
- Includes 58-hour internal rechargeable battery and AC adapter.



NTEP
3,000d



Measurement
Canada 3,000d



Parts
Counting



RS232



NEMA 4X /
IP65



Rechargeable
Battery

Model		D32XW30VR	D32XW60VR	D32XW60VL	D32XW150VL	D32XW150VX	D32XW300VX
Capacity × Readability	Default	66 × 0.01 lb 1,056 × 0.2 oz 66 lb × 0.2 oz 30 × 0.005 kg	132 × 0.02 lb 2,112 × 0.5 oz 160 lb × 0.5 oz 60 × 0.01 kg	132 × 0.02 lb 2,112 × 0.5 oz 160 lb × 0.5 oz 60 × 0.01 kg	330 × 0.05 lb 5,280 × 1 oz 300 lb × 1 oz 150 × 0.02 kg	330 × 0.05 lb 5,280 × 1 oz 300 lb × 1 oz 150 × 0.02 kg	660 × 0.1 lb 10,576 × 2 oz 660 lb × 2 oz 300 × 0.05 kg
	Certified / Approved	60 x 0.02 lb 30 x 0.01 kg	150 x 0.05 lb 60 x 0.02 kg	150 x 0.05 lb 60 x 0.02 kg	300 x 0.01 lb 150 x 0.05 kg	300 x 0.01 lb 150 x 0.05 kg	600 x 0.2 lb 300 x 0.01 kg
Column		13.8 in / 350 mm stainless steel		27.6 in / 700 mm stainless steel			
Construction		All-stainless steel indicator, removable weighing platform, loadcell, column and base construction					
Scale Base Size		12 × 14 × 4.8 in / 305 × 355 × 123 mm		16.5 × 21.6 × 5.4 in / 420 × 550 × 136 mm		19.7 × 25.6 × 5.8 in / 500 × 650 × 147 mm	



REMOVABLE
PAN

Defender® 3000

Bench Scales

- Stainless steel pan with painted carbon steel frame and column, ABS indicator and aluminum load cell
- Backlit LCD display
- Parts Counting software included
- Includes 100-hour internal rechargeable battery and AC adapter.



NTEP
3,000d



Measurement
Canada 3,000d



Parts
Counting



RS232
Interface



Rechargeable
Battery

Model		D31P30BR	D31P60BR	D31P60BL	D31P150BL	D31P150BX	D31P300BX
Capacity × Readability	Default	66 × 0.01 lb 1056 × 0.2 oz 66 lb × 0.2 oz 30 × 0.005 kg	132 × 0.02 lb 2,112 × 0.5 oz 160 lb × 0.5 oz 60 × 0.01 kg	132 × 0.02 lb 2,112 × 0.5 oz 160 lb × 0.5 oz 60 × 0.01 kg	330 × 0.05 lb 5,280 × 1 oz 300 lb × 1 oz 150 × 0.02 kg	330 × 0.05 lb 5,280 × 1 oz 300 lb × 1 oz 150 × 0.02 kg	660 × 0.1 lb 10,576 × 2 oz 660 lb × 2 oz 300 × 0.05 kg
	Certified / Approved	60 x 0.02 lb 30 x 0.01 kg	150 x 0.05 lb 60 x 0.02 kg	150 x 0.05 lb 60 x 0.02 kg	300 x 0.01 lb 150 x 0.05 kg	300 x 0.01 lb 150 x 0.05 kg	600 x 0.2 lb 300 x 0.01 kg
Column		13.8 in / 350 mm stainless steel		27.6 in / 700 mm stainless steel			
Scale Base Size		12 × 14 × 4.8 in / 305 × 355 × 123 mm		16.5 × 21.6 × 5.4 in / 420 × 550 × 136 mm		19.7 × 25.6 × 5.8 in / 500 × 650 × 147 mm	
Construction		ABS indicator, stainless steel weighing pan, aluminum loadcell, painted steel frame and column					

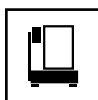
Receiving



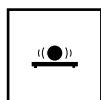
SD

Shipping Scale

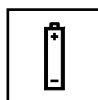
- Painted steel platform with painted steel platform and ABS plastic indicator
- Universal table/wall mounting brackets included
- Powered by 3 "C" cell batteries (not included) or AC adapter (included).



Display
Hold



Dynamic/
Animal Weighing



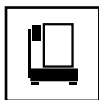
Battery
Power

Model	SD35	SD75	SD200	SD75L	SD200L
Capacity x Readability	77 × 0.05 lb 35 × 0.02 kg	165 × 0.1 lb 75 × 0.05 kg	440 × 0.2 lb 200 × 0.1 kg	165 × 0.1 lb 75 × 0.05 kg	440 × 0.2 lb 200 × 0.1 kg
Typical Battery Life	360 Hours				
Scale Base Size	12.4 × 11 × 1.7 in / 31.6 × 28 × 4.5 cm			20.5 × 15.7 × 3in / 52 × 40 × 7.5cm	
Construction	ABS indicator, painted steel platform				

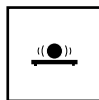
Catapult 1000

Shipping Scale

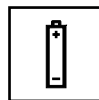
- ABS plastic construction—Stainless steel pan cover optional
- Integrated handles for easy transport
- Powered by 3 "C" cell batteries (not included) or AC adapter (included).



Display
Hold



Dynamic/
Animal Weighing



Battery
Power

Model	C11P9	C11P20	C11P75
Capacity x Readability	20 x 0.01 lb 9 x 0.005 kg	44 x 0.02 lb 20 x 0.01 kg	165 x 0.1 lb 75 x 0.05 kg
Pan Size	11 x 12.4 in / 280 x 316 mm		
Construction	ABS plastic housing and weighing pan		

Optional stainless steel pan, Item # 80251248 (scale not included)



OPTIONAL PAN

Mechanical



D500M

Mobile Floor Beam Scales

- Epoxy-painted steel construction
- Beam lock mechanism protects scale during storage
- Phenolic wheels for portability
- Beam calibrated to 100 lbs in 0.5 lb increments
- Included counterpoise weights increase capacity to 1,000 lbs. Total 1,000 lb: 2 × 100 lb, 1 × 200 lb, 1 × 500 lb

Model	D500M
Capacity × Readability	1,000 lb × 0.5 lb
Front Beam Calibrations	100 lb × 0.5 lb
Epoxy Coated Steel Plate Platform	28.125 x 19.25 in



NTEP
Certified

NTEP Certificate of Conformance No. 08-870

Printer



SF40A

Full-Featured, Portable Printer

- Small compact design for improved workplace efficiency; Printer dimensions - 5.5 x 8.1 x 2.9in/140 x 205 x 75mm
- RS232C Connectivity
- Prints 40 characters per line, approximately 1.2 lines per second. Uses standard paper roll (2.26- 2.36in/57.55 – 60mm)
- Ambient operating temperature of 32-104°F/0-40°C

Model	SF40A
Application Modes	Totalization, Statistics (Statistics printout includes number of samples, average value, standard deviation, minimum, maximum, min-max differential, and total sample weight sum)
Power Requirements	AC adapter Input: 100 – 240 VAC, 50 - 60 Hz AC adapter output: 12 VDC, 2.5 A
Interface	32 °F – 104 °F / 0 °C – 40 °C
Net Weight	1.6 lb / 0.7 kg (Paper roll included)
Shipping Weight	1.8 lb. / 0.8 kg

Full functionality with Discovery, Adventurer® Pro, Explorer®, Navigator®, MB Series Moisture Analyzers, Trooper®, Ranger®, Valor® 7000, Defender® bench and floor scales and "T" Series indicators.

Statistics and Totalization not supported on other OHAUS products with RS232.

FOODSERVICE PRODUCT SELECTION GUIDE

Product	Page	Weight Range	Weighing Units							Applications								
			lb	decimal oz	fractional oz	lb:oz	kg	g	fluid oz (water)	Baking/Pastry			Portioning	Receiving	Wet Use	NSF Listed	USDA Accepted	Legal-For-Trade
										Weighing (<1g readability)	Baker's %	Specific Gravity						
Bench Scales																		
Defender 7000 XW	8	25 to 500 lb	√	√		√	√	√		√			√	√	√			√
Defender 5000 with T51P	9		√	√		√	√	√		√	√		√	√				√
Defender 3000 with T32XW	11	66 to 660 lb	√	√		√	√	√					√	√	√			√
Defender 3000 with T31P	10-11		√	√		√	√	√					√	√				√
CKW	7	6 to 60 lb	√	√		√	√	√		√			√	√	√	√	√	√
SD	12	77 to 440 lb	√				√							√				
Catapult 1000	12	20 to 165 lb	√				√							√				
Portioning Scales																		
FD	3	6 to 30 lb	√	√	√	√	√	√		√	√		√	√		√	√	√*
Valor 7000	2	3 to 60 lb	√	√		√	√	√		√	√		√	√		√	√	√
Valor 4000	5	3 to 30 lb	√	√		√	√	√		√					√	√	√	√
Valor 3000	4	<1 to 13 lb	√	√	√	√	√	√	√	√	√	√	√		√*	√	√	√*
Valor 2000	5*	3 to 30 lb	√	√		√	√	√		√				√	√	√	√	
Valor 1000	6	6 to 66 lb	√	√			√	√		√			√	√		√		
CL5000F	6	11 lb		√		√				√			√					
Retail Price Computing Scales																		
Aviator 7000	1	15 or 30 lb	√				√											√
Mechanical Scales																		
D500M	13	1,000 lb	√											√				√

√* Certain models only—see specifications for more information.

√** Not all units Legal-for-Trade—see specifications for more information.



OHAUS Corporation

Headquartered in Parsippany, NJ, OHAUS Corporation manufactures an extensive line of high-precision electronic and mechanical balances and scales that meet the weighing needs of virtually every industry. We are a global leader in the laboratory, industrial, and education channels as well as a host of specialty markets, including the food preparation, pharmacy and jewelry industries. An ISO 9001:2008 manufacturer, OHAUS products are precise, reliable and affordable, and are backed by industry-leading customer support. For additional information, contact OHAUS Corporation at 1.973.377.9000, or visit www.ohaus.com.



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