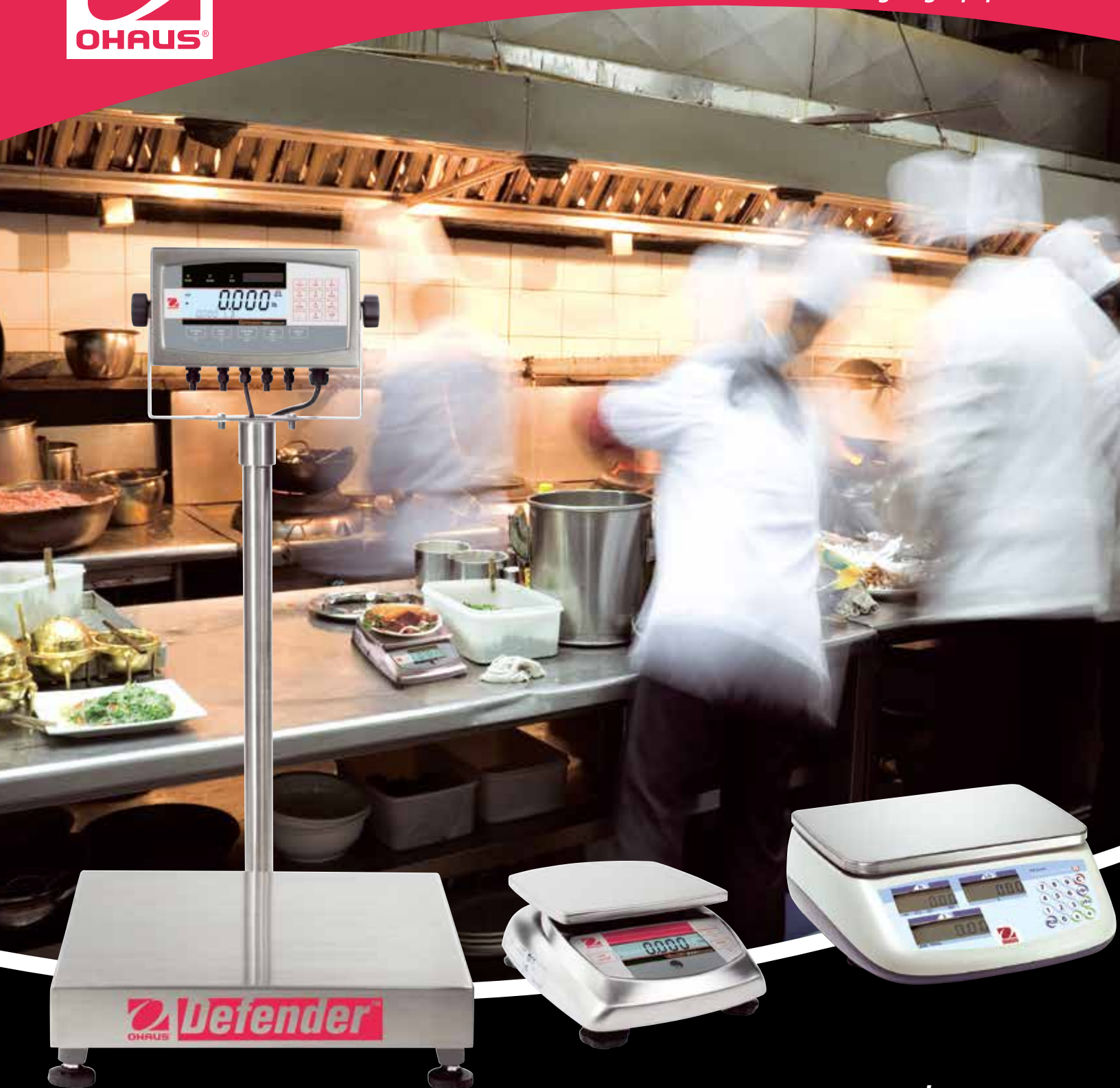




2013 Food Scales

Commercial Weighing Equipment



Ingeniously Practical

ISO 9001:2008 Registered Quality Management System

ohaus.com
youtube.com/ohauschannel
facebook.com/ohauscorp



Price Computing

REMOVABLE PAN



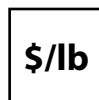
LCD Display Tower Model
(Item # RE15CUS)

RE STANDARD RETAIL PRICE COMPUTING SCALE 1:3,000 LEGAL FOR TRADE RESOLUTION

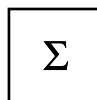
- ABS housing, removable stainless steel pan
- lb weighing unit
- 100 PLU memories for storing price/weight information and 24 preset PLU keys
- ½ or ¼ lb fractional pricing mode
- By count pricing mode
- Prepack pricing mode
- Dual backlit LCD displays (front and rear)
- Model with backlit LCD display tower available (RE15CUS)
- AC power adapter (included) or 6 "D" cell battery power (not included)



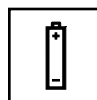
NTEP
Certified



Price
Computing



Totalization



Battery
Power

Model	RE15US	RE15CUS*	RE30US
Capacity × Readability Certified	30 × 0.01 lb	30 × 0.01 lb	60 × 0.02 lb
Typical Battery Life	Up to 60 Hours		
Pan Size	9.5 × 13.5 in		
Construction	ABS housing, stainless steel weighing pan		

*Model with LCD display tower NTEP Certificate of Conformance No. 08-057

REMOVABLE PAN



RA ECONOMICAL RETAIL PRICE COMPUTING SCALE 1:3,000 LEGAL FOR TRADE RESOLUTION

- ABS housing, removable stainless steel pan
- lb weighing unit
- 24 PLU memories for storing price/weight information
- By count pricing mode
- Dual backlit LCD displays (front and rear)
- AC power adapter (included) or 6 "D" cell battery power (not included)



NTEP
Certified



Price
Computing



Totalization



Battery
Power

Model	RA6US	RA15US
Capacity × Readability Certified	15 × 0.005 lb	30 × 0.01 lb
Typical Battery Life	Up to 60 Hours	
Pan Size	7.9 × 11.4 in	
Construction	ABS housing, stainless steel weighing pan	

NTEP Certificate of Conformance No. 08-058

Portioning/Baking

REMOVABLE PAN



Optional Carrying Case
(Item # 80251394)



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

FD SERIES

1:3,000 LEGAL FOR TRADE RESOLUTION (non-H models)

- NSF Listed/Certified, USDA/AMS Accepted, supports HACCP-Certified Systems
- 1:6,000-1:7,500 or up to 1:30,000 maximum displayed resolution (by model)
- All stainless steel construction, dishwasher safe removable pan
- Backlit LCD display
- lb, oz (1/4 fractional or decimal oz), lb:oz, g or kg
- AC power adapter or 120 hour internal rechargeable battery (included)
- Baker's Percentage software included
- Checkweighing software and LED's
- Hands-Free-Use with optional foot tare switch

**SUPPORTS
HACCP**



NTEP
Certified
(non-H
models)



Measurement
Canada
Approved
(non-H models)



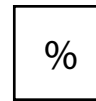
USDA-AMS
Accepted



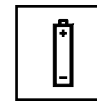
NSF
Listed



Check-
weighing



Percent
Weighing



Rechargeable
Battery

Model	FD3H	FD6H	FD15H
Capacity x Readability	6 x 0.0002 lb 96 x 0.00 x 0.5 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 oz 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 oz 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 oz 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

REMOVABLE PAN



Optional Carrying Case
(Item # 80251394)



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

VALOR™ 5000

1:3,000 LEGAL FOR TRADE RESOLUTION (non-H models)

- NSF Listed/Certified, USDA-AMS Accepted, supports HACCP systems
- 1:6,000-1:7,500 or up to 1:30,000 maximum displayed resolution (by model)
- ABS housing, dishwasher safe removable stainless steel pan
- lb, oz (¼ fractional or decimal oz), lb:oz, g or kg
- AC power adapter or 120 hour internal rechargeable battery (included)
- Backlit LCD display
- Baker's Percentage software included
- Checkweighing software and LED's included
- Hands-free-use with optional foot tare switch

**SUPPORTS
HACCP**



NTEP
Certified
(non-H
models)



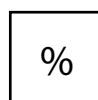
Measurement
Canada
Approved
(non-H models)



USDA-AMS
Accepted



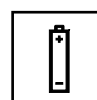
NSF
Listed



Percent
Weighing



Check-
weighing



Rechargeable
Battery

Model	V51PH3	V51PH6	V51PH15	V51PH30
Capacity x Readability	6 × 0.0002 lb 96 × 0.005 oz 96 × 1/4 oz 6 lb 0 oz × 0.1 oz 6 lb 0 oz × 1/4 oz 3 × 0.0001 kg 3,000 × 0.1 g	15 × 0.001 lb 240 × 0.01 oz 240 × 1/4 oz 15 lb 0 oz × 0.1 oz 15 lb 0 oz × 1/4 oz 6 × 0.0002 kg 6,000 × 0.2 g	30 × 0.001 lb 480 × 0.01 oz 480 × 1/4 oz 30 lb 0 oz × 0.1 oz 30 lb 0 oz × 1/4 oz 15 × 0.001 kg 15,000 × 1 g	60 × 0.002 lb 960 × 0.05 oz 960 × 1/4 oz 60 lb 0 oz × 0.1 oz 60 lb 0 oz × 1/4 oz 30 × 0.001 kg 30,000 × 1 g
Construction	ABS housing, stainless steel weighing pan			
Pan Size	8.2 × 8.2 in / 209 × 209 mm			

LEGAL FOR TRADE MODELS

Model		V51P3	V51P6	V51P15	V51P30
Capacity x Readability	Default	6 × 0.001 lb 96 × 0.02 oz 96 × 1/4 oz 6 lb 0 oz × 0.1 oz 6 lb 0 oz × 1/4 oz 3 × 0.0005 kg 3,000 × 0.5 g	15 × 0.002 lb 240 × 0.05 oz 240 × 1/4 oz 15 lb 0 oz × 0.1 oz 15 lb 0 oz × 1/4 oz 6 × 0.001 kg 6,000 × 1 g	30 × 0.005 lb 480 × 0.1 oz 480 × 1/4 oz 30 lb 0 oz × 0.1 oz 30 lb 0 oz × 1/4 oz 15 × 0.002 kg 15,000 × 2 g	60 × 0.01 lb 960 × 0.2 oz 960 × 1/4 oz 60 lb 0 oz × 0.2 oz 60 lb 0 oz × 1/4 oz 30 × 0.005 kg 30,000 × 5 g
	Certified / Approved	6 × 0.002 lb 96 × 0.05 oz 3 × 0.001 kg 3,000 × 1 g	15 × 0.005 lb 240 × 0.1 oz 6 × 0.002 kg 6,000 × 2 g	30 × 0.01 lb 480 × 0.2 oz 15 × 0.005 kg 15,000 × 5 g	60 × 0.02 lb 960 × 0.5 oz 30 × 0.01 kg 30,000 × 10 g
Construction	ABS housing, stainless steel weighing pan				
Pan Size	8.2 × 8.2 in / 209 × 209 mm				

NTEP Certificate of Conformance 08-065, Measurement Canada Notice of Approval AM-5729. 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



NEW MODELS

VALOR™ 3000 XTREME

- NSF Listed/Certified, USDA-AMS Accepted, supports HACCP-Certified systems
- 1:3,000-1:6,000 or 1:20,000 maximum displayed resolution (by model)
- Stainless steel construction, dishwasher-safe removable pan
- Backlit LCD display
- lb, oz (1/8 fractional or decimal oz), lb:oz, g, kg or fluid oz of water
- Specific Gravity Determination and % Weighing software included
- AC power adapter (included) or 4 "C" cell battery power (not included)



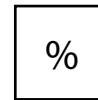
NTEP
Certified***



NSF
Listed*



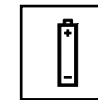
USDA
Accepted



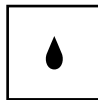
Percent
Weighing



Specific
Gravity Mode



Battery
Power
(Optional)



NEMA 4X /
IP65**
(XW models)

SUPPORTS HACCP
NTEP MODELS AVAILABLE!

Model	V31XH202	V31XH402	V31XH2	V31XH4	V31X501	V31X3
Capacity × Readability	0.44090 × 0.00005 lb 7.0550 × 0.0005 oz 7 × 1/8 oz — 0.2 × 0.00001 kg 200 × 0.01 g 6.7630 × 0.0005 fl oz	0.88185 × 0.00005 lb 14.1095 × 0.0005 oz 14 1/8 × 1/8 oz N/A N/A 0.4 × 0.00001 kg 400 × 0.01 g 13.5255 × 0.0005 fl oz	4.4090 × 0.0005 lb 70.550 × 0.005 oz 70 ½ × 1/8 oz 4 lb: 6.55 oz × 0.01 oz 4 lb : 6 ½ oz × 1/8 oz 2 × 0.0001 kg 2,000 × 0.1 g 67.630 × 0.005 fl oz	8.8185 × 0.0005 lb 141.095 × 0.005 oz 141 1/8 × 1/8 oz 8lb:13.1 oz × 0.01 oz 8lb:13 1/8 × 1/8 oz 4 × 0.0001 kg 4000× 0.1 g 135.255 × 0.005 fl oz	1.1025 × 0.0005 lb 17.635 × 0.005 oz 17 5/8 × 1/8 oz 1lb:1.64 oz × 0.01 oz 1lb:1 5/8 oz × 1/8 oz 0.5 × 0.0001 kg 500 × 0.1 g 16.905 × 0.005 fl oz	6.615 × 0.005 lb 105.80 × 0.05 oz 105 ½ × 1/8 oz 6 lb : 9.80 oz × 0.05 oz 6 lb : 9 ½ oz × 1/8 oz 3 × 0.0005 kg 3,000 × 0.5 g 101.45 × 0.05 fl oz
Typical Battery Life	50 hours minimum				120 hours minimum	
Pan Size	4.72 in / 12 cm dia		5.8 × 6.2 in / 14.6 × 15.8 cm		4.72 in / 12 cm dia	5.8 × 6.2 in / 14.6 × 15.8 cm
Ingress Protection	Dry Use					

3 WASHABLE MODELS!

Model	V31X3N	V31X6	V31X6N	V31XW301	V31XW3	V31XW6
Capacity x Readability	Default 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 6lb : 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 211.65 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	0.6615 x 0.0005 lb 10.585 x 0.0005 oz 10 1/2 x 1/8 oz — 0.3 x 0.0001 kg 300 x 0.1 g 10.140 x 0.0005 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	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
	Certified / Approved *** 6.6 x 0.005 lb 105.80 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	Not NTEP Certified	6.6 x 0.005 lb 105.80 x 0.05 oz 3.000 x 0.001 kg 3,000 x 1 g	13.2 x 0.005 lb 211.6 x 0.1 oz 6.000 x 0.002 kg 6,000 x 2 g
Typical Battery Life	120 hours minimum			50 hours minimum		
Pan Size	5.8 x 6.2 in / 14.6 x 15.8 cm			5.8 x 6.2 in / 14.6 x 15.8 cm		
Ingress Protection	Dry Use			NEMA 4X / IP65 washdown protection		

*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.

**NEMA 4X/IP65 rating for washable models: V31XW301, V31XW3, V31XW6

***NTEP Certificate of Conformance No. 08-008

Item #	Description	Dimensions
80251147	Sandwich Pan	11 x 5.9 in
80251148	French Fries / Taco Holder	6.3 x 3.5 in
80251149	Ice Cream Cone Holder	6.3 x 4.7 in
80251216	Carrying Case—scale not included	16.6 x 12.6 x 5.5 in

**CARRYING CASE & STAINLESS
STEEL ACCESSORY TRAYS**

Scale not included

Portioning/Baking

REMOVABLE PAN



TROOPER®

1:3,000 LEGAL FOR TRADE RESOLUTION

- 1:6,000-1:7,500 maximum displayed resolution
- lb, oz, kg, g
- ABS housing with stainless steel platform
- Backlit LCD display
- AC power adapter (included) or 6 "C" cell battery power (not included)
- RS232 interface included



NTEP
Certified



Measurement
Canada
Approved



Battery
Power



RS232
Interface

Model		TR3RS	TR6RS	TR15RS	TR30RS
Capacity x Readability	Default	6 × 0.001 lb 96 × 0.016 oz 3 × 0.0005 kg 3,000 × 0.5 g	15 × 0.002 lb 240 × 0.032 oz 6 × 0.001 kg 6,000 × 1 g	30 × 0.005 lb 480 × 0.08 oz 15 × 0.002 kg 15,000 × 2 g	60 × 0.01 lb 960 × 0.16 oz 30 × 0.005 kg 30,000 × 5 g
	Certified / Approved	6 × 0.002 lb 96 × 0.032 oz 3 × 0.001 kg 3,000 × 1 g	15 × 0.005 lb 240 × 0.08 oz 6 × 0.002 kg 6,000 × 2 g	30 × 0.01 lb 480 × 0.16 oz 15 × 0.005 kg 15,000 × 5 g	60 × 0.02 lb 960 × 0.32 oz 30 × 0.01 kg 30,000 × 10 g
Typical Battery Life		Up to 100 Hours			
Pan Size		13.5 in x 9 in / 34 cm x 23 cm			
Construction		ABS housing, stainless steel platform			

NTEP Certificate of Conformance No. 02-009A2 • Measurement Canada Notice of Approval AM-5449

REMOVABLE PAN



Optional Carrying Case
(Item # 80251532)

EB

- ABS indicator and stainless steel platform
- Baker's Percentage software included
- kg, g, lb, or oz
- AC power adapter or battery power with 80-hour internal, rechargeable battery (included)
- In-use cover included



Parts
Counting



Check-
weighing



Percent
Weighing



Rechargeable
Battery

Model	EB3	EB6	EB15	EB30
Capacity x Readability	6.6 × 0.0002 lb 105 × 0.005 oz 3 × 0.0001 kg 3,000 × 0.1 g	13 × 0.0005 lb 208 × 0.01 oz 6 × 0.0002 kg 6,000 × 0.2 g	33 × 0.001 lb 528 × 0.02 oz 15 × 0.0005 kg 15,000 × 0.5 g	66 × 0.002 lb 1,056 × 0.05 oz 30 × 0.001 kg 30,000 × 1 g
Minimum APW	0.01 g	0.02 g	0.05 g	0.1 g
Pan Size	11.6 × 8.9 in / 29.4 × 22.6 cm			
Construction	ABS housing with stainless steel pan			

Portioning

REMOVABLE PAN



BW

1:3,000 LEGAL FOR TRADE RESOLUTION

- NEMA 4/IP65 Washdown Protection
- 1:6,000 or 1:7,500 maximum displayed resolution
- ABS housing, dishwasher-safe removable stainless steel pan
- lb, oz or g
- Models with single or dual LED displays available
- Software for checkweighing with LEDs and audible alarm
- AC power adapter or 50 hour internal rechargeable battery (included)



NTEP
Certified
(lb unit only)



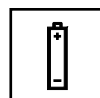
Measurement
Canada
Approved



Check-
weighing



NEMA 4/
IP65
Washdown



Rechargeable
Battery

Single Display Model	BW1.5US	BW3US	BW6US	BW15US
Dual Display Model	BW1.5TUS	BW3TUS	BW6TUS	BW15TUS
Capacity × Readability Certified/Approved*	3 × 0.001 lb 50 × 0.02 oz 1.5 × 0.0005 kg	6 × 0.002 lb 100 × 0.05 oz 3 × 0.001 kg	15 × 0.005 lb 200 × 0.1 oz 6 × 0.002 kg	30 × 0.01 lb 500 × 0.1 oz 15 × 0.005 kg
Pan Size	9 × 7 in / 230 × 180 mm			
Construction	ABS housing with stainless steel pan			

NTEP Certificate of Conformance 08-059, Measurement Canada Notice of Approval AM-5706

*lb unit only available for NTEP certification

REMOVABLE PAN



VALOR™ 2000

- NEMA 4/IP65 Washdown Protection
- 1:6,000 or 1:7,500 maximum displayed resolution
- NSF Listed/Certified, supports HACCP systems
- lb, oz, g or kg
- ABS housing, dishwasher-safe removable stainless steel pan
- Dual LED displays (front and back of housing)
- AC power adapter or 40 hour internal rechargeable battery (included)



NSF
Listed



USDA-
AMS
Accepted



NEMA 4/
IP65
Washdown



Rechargeable
Battery

**SUPPORTS
HACCP**

Model	V21PW3	V21PW6	V21PW15
Capacity × Readability	6 × 0.001 lb 96 × 0.02 oz 3000 × 0.5 g 3 × 0.0005 kg	15 × 0.002 lb 240 × 0.05 oz 6000 × 1 g 6 × 0.001 kg	30 × 0.005 lb 480 × 0.1 oz 15000 × 2 g 15 × 0.002 kg
Pan Size	9.2 × 7.2 in / 23.3 × 18.4 cm		
Construction	ABS housing and stainless steel pan		

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

REMOVABLE PAN



VALOR™ 1000

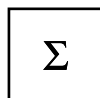
- ABS housing, removable stainless steel pan
- 1:6,000-1:7,500 maximum displayed resolution
- NSF Listed/Certified, supports HACCP systems
- lb, oz, g or kg
- Single or dual backlit LCD display
- Checkweighing and Accumulation software included
- AC power adapter or 80 hour internal rechargeable battery (included)



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 × 0.01 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

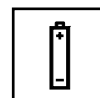


REMOVABLE
PAN

CL5000F

- 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—batteries included
- 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



Padded carrying case and
3 "AA" batteries included

Checkweighing

CHAMP™ CKW

1:3,000 LEGAL FOR TRADE RESOLUTION

- All stainless steel construction with NEMA 4X/IP66 washdown protection
- NSF Listed/Certified, USDA/AMS accepted, supports HACCP-Certified systems
- lb, oz, combined lb:oz display, kg, g, % of target
- Quick operation with fully configurable bright LED weight display
- Fully programmable red/yellow/green LED checkweighing display
- 20-item library for Over, Under, Target, and Tare values
- Internal AC power supply or optional NiMH internal rechargeable battery



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 3,000 × 0.5 g	15 × 0.002 lb 240 × 0.05 oz 16 lb : 0.05 oz 6 × 0.001 kg 6,000 × 1 g	30 × 0.005 lb 480 × 0.1 oz 30 lb : 0.1 oz 15 × 0.002 kg 15,000 × 2 g	60 × 0.01 lb 960 × 0.2 oz 60 lb : 0.2 oz 30 × 0.005 kg 30,000 × 5 g
	Certified / Approved	6 × 0.002 lb 96 × 0.05 oz 3 × 0.001 kg 3,000 × 1 g	15 × 0.005 lb 240 × 0.1 oz 6 × 0.002 kg 6,000 × 2 g	30 × 0.01 lb 480 × 0.2 oz 15 × 0.005 kg 15,000 × 5 g	60 × 0.02 lb 960 × 0.5 oz 30 × 0.01 kg 30,000 × 10 g
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.
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.

Baking/Receiving



DEFENDER™ 7000XW XTREME SQUARE WASHDOWN BENCH SCALES

1:10,000 – 1:12,500 maximum displayed resolution

- kg, g, lb, oz, lb:oz (decimal), metric tonnes and user-definable custom unit
- 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
- Internal universal switching AC power supply with hardwired line cord—optional NiMH internal rechargeable power pack available (Item # 80500729)
- Optional interfaces include DC relay control kit, AC relay control kit, 2nd RS232 and RS485/422
- NEMA 4X/IP66 washdown protection



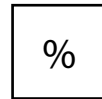
NTEP
5,000d



Measurement
Canada 5,000d



Parts
Counting



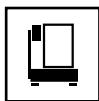
Percent
Weighing



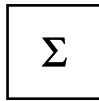
Dynamic/
Animal
Weighing



Check-
weighing



Display
Hold



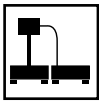
Totalization



GMP/GLP



RS232



External
Analog
Base Input



RS485/422
(Optional)



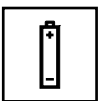
RS232 x2
(Optional)



AC Relay
(Optional)



DC Relay
(Optional)



Rechargeable
Battery (Optional)



NEMA 4X /
IP66

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

Baking/Receiving

DEFENDER™ 5000XW

XTREME SQUARE WASHDOWN BENCH SCALE

1:5,000 NTEP CERTIFIED LEGAL FOR TRADE RESOLUTION

- NEMA 4X/IP66 washdown protection
- 1:10,000 – 1:12,500 maximum displayed resolution
- kg, g, lb, oz, lb:oz (decimal), metric tonnes and user-definable custom unit
- All stainless-steel construction including indicator, pan, loadcell, column and base
- Large backlit LCD display
- Baker's Percentage and Display Hold software included
- Temporary display of 10x readability in weighing mode using quick key press
- Internal universal switching AC power supply with hardwired line cord —optional NiMH internal rechargeable power pack available
- Includes RS232 interface with GMP/GLP data output including date and time
- Optional interfaces include DC relay control kit, AC relay control kit, 2nd RS232 and RS485/422



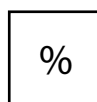
NTEP
Certified



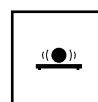
Measurement
Canada
Approved



Parts
Counting



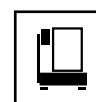
Percent
Weighing



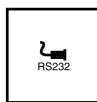
Dynamic/
Animal
Weighing



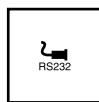
Check-
weighing



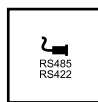
Display
Hold



RS232



RS232 x2
(Optional)



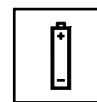
RS485/
RS422
(Optional)



AC
Relay
(Optional)



DC
Relay
(Optional)



Rechargeable
Battery
(Optional)



NEMA 4X /
IP66



GMP/GLP



REMOVABLE PAN

Model		D51XW10WR3	D51XW25WR3	D51XW50WL4	D51XW100WL4	D51XW250WX4
Capacity × Readability	Default	25 × 0.002 lb 400 × 0.05 oz 25 lb × 0.05 oz 10 × 0.001 kg 10,000 × 1 g	50 × 0.005 lb 800 × 0.1 oz 50 lb × 0.1 oz 25 × 0.002 kg 25,000 × 2 g	100 × 0.01 lb 1,600 × 0.2 oz 100 lb × 0.2 oz 50 × 0.005 kg 50,000 × 5 g	250 × 0.02 lb 4,000 × 0.5 oz 250 lb × 0.5 oz 100 × 0.01 kg 100,000 × 10 g	500 × 0.05 lb 8,000 × 1 oz 500 lb × 1 oz 250 × 0.02 kg 250,000 × 20 g
	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. 08-039 and 01-048A1, Measurement Canada Notices of Approval AM-5687 and AM-5719

Baking/Receiving



DEFENDER™ 5000X XTREME BENCH SCALE

Available in Square or Rectangular Platforms

- 1:6,000 – 1:7,500 maximum displayed resolution for “H” models
- kg, g, lb, oz, lb:oz (decimal), metric tonnes and user-definable custom unit
- All steel construction, with stainless steel indicator & pan, painted column and base
- Large backlit LCD display
- Temporary display of 10x readability in weighing mode using quick key press
- Baker's Percentage and Display Hold software included
- Internal universal switching AC power supply with hardwired line cord —optional NiMH internal rechargeable power pack available
- Includes RS232 interface with GMP/GLP data output including date and time
- Optional interfaces include DC relay control kit, AC relay control kit, 2nd RS232 and RS485/422



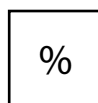
NTEP
Certified



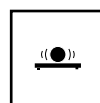
Measurement
Canada
Approved



Parts
Counting



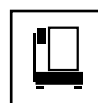
Percent
Weighing



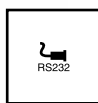
Dynamic/
Animal
Weighing



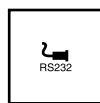
Check-
weighing



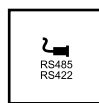
Display
Hold



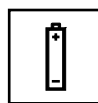
RS232



RS232 x2
(Optional)



RS485/422
(Optional)



Rechargeable
Battery (Optional)



**GMP/
GLP**

GMP/GLP

REMOVABLE PAN

Model		D51XW15HR1	D51XW30HR1	D51XW60HR1	D51XW60HL2	D51XW100HL2	D51XW150HX2	D51XW300HX2
Capacity × Readability	Default	30 × 0.005 lb 480 × 0.1 oz 30 lb × 0.1 oz 15 × 0.002 kg 15,000 × 2 g	60 × 0.01 lb 960 × 0.2 oz 60 lb × 0.2 oz 30 × 0.005 kg 30,000 × 5 g	150 × 0.02 lb 2,400 × 0.5 oz 150 lb × 0.5 oz 60 × 0.01 kg 60,000 × 10 g		250 × 0.05 lb 4,000 × 1 oz 250 lb × 1 oz 100 × 0.02 kg 100,000 × 20 g	300 × 0.05 lb 4,800 × 1 oz 300 lb × 1 oz 150 × 0.02 kg 150,000 × 20 g	600 × 0.1 lb 9,600 × 2 oz 600 lb × 2 oz 300 × 0.05 kg 300,000 × 50 g
	Certified / Approved	30 × 0.01 lb 480 × 0.2 oz 15 × 0.005 kg 15,000 × 5 g	60 × 0.02 lb 960 × 0.5 oz 30 × 0.01 kg 30,000 × 10 g	150 × 0.05 lb 2,400 × 1 oz 60 × 0.02 kg 60,000 × 20 g		200 × 0.1 lb 4,000 × 2 oz 100 × 0.05 kg n/a	300 × 0.1 lb 4,800 × 2 oz 150 × 0.05 kg n/a	600 × 0.2 lb 9,600 × 5 oz 300 × 0.1 kg n/a
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
Column		13.8 in / 35 cm painted steel				26.8 in / 68 cm painted steel		
Construction		Stainless steel indicator and weighing pan, aluminum loadcell, painted steel column 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

Baking/Receiving



REMOVABLE PAN

DEFENDER™ 5000 BENCH SCALE

Available in Square or Rectangular Platforms

- 1:10,000 – 1:12,500 maximum displayed resolution for “Q” models
1: 6,000 – 1:7,500 maximum displayed resolution for “H” models
- kg, g, lb, oz, lb:oz (decimal), metric tonnes and user-definable custom unit
- ABS plastic indicator, stainless steel pan, painted steel base and column
- Large backlit LCD display
- Temporary display of 10x readability in weighing mode using quick key press
- Baker's Percentage and Display Hold software included
- Internal universal switching AC power supply with line cord or power using 6 “C” cell batteries (not included)–optional NiMH internal rechargeable power pack available
- Includes RS232 interface with GMP/GLP data output including date and time
- Optional interfaces include DC relay control kit, AC relay control kit, 2nd RS232 and RS422/485



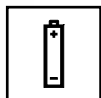
NTEP
Certified



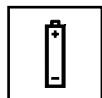
Measurement
Canada
Approved



Parts
Counting



Battery
Power



Rechargeable
Battery
(Optional)



GMP/GLP



RS232

Defender™ 5000X Square 1:5,000 Legal For Trade Resolution

Model		D51P10QR1	D51P25QR1	D51P50QL2	D51P100QL2	D51P250QX2
Capacity × Readability	Default	25 × 0.002 lb 400 × 0.1 oz 25 lb × 0.05 oz 10 × 0.001 kg 10,000 × 1 g	50 × 0.005 lb 800 × 0.2 oz 50 lb × 0.1 oz 25 × 0.002 kg 25,000 × 2 g	100 × 0.01 lb 1,600 × 0.5 oz 100 lb × 0.2 oz 50 × 0.005 kg 50,000 × 5 g	250 × 0.02 lb 4,000 × 1 oz 250 lb × .5 oz 100 × 0.01 kg 100,000 × 10 g	500 × 0.05 lb 8,000 × 1 oz 500 lb × 1 oz 250 × 0.02 kg 250,000 × 20 g
	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
Column		13.8 in / 35 cm painted steel		26.8 in / 68 cm painted steel		
Construction		ABS plastic indicator, stainless steel weighing pan and aluminum loadcell, painted steel column 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™ 5000X Rectangular 1:2,500-1,3000 Legal For Trade Resolution

Model		D51P15HR1	D51P30HR1	D51P60HR1	D51P60HL2	D51P100HL2	D51P150HX2	D51P300HX2
Capacity × Readability	Default	25 × 0.002 lb 400 × 0.05 oz 25 lb × 0.05 oz 10 × 0.001 kg 10,000 × 1 g	50 × 0.005 lb 800 × 0.1 oz 50 lb × 0.1 oz 25 × 0.002 kg 25,000 × 2 g	150 × 0.01 lb 2,400 × 0.2 oz 150 lb × 0.2 oz 50 × 0.005 kg 50,000 × 5 g		250 × 0.05 lb 4,000 × 1 oz 500 lb × 1 oz 250 × 0.02 kg 250,000 × 20 g	300 × 0.05 lb 4,800 × 1 oz 300 lb × 1 oz 150 × 0.02 kg 150,000 × 20 g	600 × 0.1 lb 9,600 × 2 oz 600 lb × 2 oz 300 × 0.05 kg 300,000 × 50 g
	Certified / Approved	30 × 0.01 lb 480 × 0.2 oz 15 × 0.005 kg 15,000 × 5 g	60 × 0.02 lb 960 × 0.5 oz 30 × 0.01 kg 30,000 × 10 g	150 × 0.05 lb 2,400 × 1.0 oz 60 × 0.02 kg 60,000 × 20 g		250 × 0.1 lb 4,000 × 2.0 oz 100 × 0.05 kg n/a	300 × 0.1 lb 4,800 × 2.0 oz 150 × 0.05 kg n/a	600 × 0.2 lb 9,600 × 5 oz 300 × 0.1 kg n/a
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
Column		13.8 in / 35 cm painted steel				26.8 in / 68 cm painted steel		
Construction		ABS plastic indicator, stainless steel weighing pan and aluminum loadcell, painted steel column 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

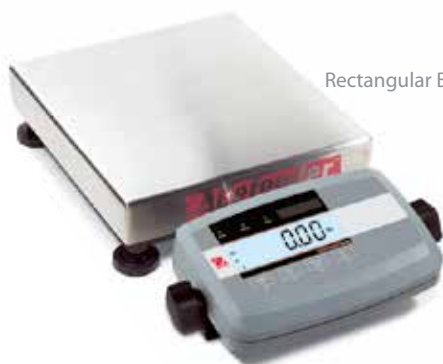
Baking/Receiving

Square Base



REMOVABLE PAN

Rectangular Base



DEFENDER™ 5000 LOW PROFILE SCALES

Available in Square or Rectangular Platforms

- 1:10,000 – 1:12,500 maximum displayed resolution for “Q” models
1:6,000 – 1:7,500 maximum displayed resolution for “H” models
- kg, g, lb, oz, lb:oz (decimal), metric tonnes and user-definable custom unit
- ABS plastic indicator, stainless steel pan, painted steel base & mounting bracket
- Large backlit LCD display
- Temporary display of 10x readability in weighing mode using quick key press
- Baker's Percentage and Display Hold software included
- Internal universal switching AC power supply with line cord or power using 6 cell “C” batteries (not included)–optional NiMH internal rechargeable power pack available
- Includes RS232 interface with GMP/GLP data output including date and time
- Optional interfaces: DC relay control kit, AC relay control kit, 2nd RS232 and RS422/485

NTEP Certified	Measurement Canada Approved	Parts Counting	Percent Weighing	Check- weighing	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 10,000 × 1 g	50 × 0.005 lb 800 × 0.1 oz 50 lb × 0.1 oz 25 × 0.002 kg 25,000 × 2 g	100 × 0.01 lb 1,600 × 0.2 oz 100 lb × 0.2 oz 50 × 0.005 kg 50,000 × 5 g	250 × 0.02 lb 4,000 × .5 oz 250 lb × .5 oz 100 × 0.01 kg 100,000 × 10 g	500 × 0.05 lb 8,000 × 1 oz 500 lb × 1 oz 250 × 0.02 kg 250,000 × 20 g
	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 × 0.005 lb 480 × 0.1 oz 30 lb × 0.1 oz 15 × 0.002 kg 15,000 × 2 g	60 × 0.01 lb 960 × 0.2 oz 60 lb × 0.2 oz 30 × 0.005 kg 30,000 × 5 g	150 × 0.02 lb 2,400 × 0.5 oz 150 lb × 0.5 oz 60 × 0.01 kg 60,000 × 10 g		250 × 0.05 lb 4,000 × 1 oz 250 lb × 1 oz 100 × 0.02 kg 100,000 × 20 g	300 × 0.05 lb 4,800 × 1 oz 300 lb × 1 oz 150 × 0.02 kg 150,000 × 20 g	600 × 0.1 lb 9,600 × 2 oz 600 lb × 2 oz 300 × 0.05 kg 300,000 × 50 g
	Certified / Approved	30 × 0.01 lb 480 × 0.2 oz 15 × 0.005 kg 15,000 × 5 g	60 × 0.02 lb 960 × 0.5 oz 30 × 0.01 kg 30,000 × 10 g	150 × 0.05 lb 2,400 × 1 oz 60 × 0.02 kg 60,000 × 20 g		250 × 0.1 lb 4,000 × 2 oz 100 × 0.05 kg n/a	300 × 0.1 lb 4,800 × 2 oz 150 × 0.05 kg n/a	600 × 0.2 lb 9,600 × 5 oz 300 × 0.1 kg n/a
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

1:3,000 Legal for Trade Resolution

- 1:6,000 - 1:7,500 maximum displayed resolution
- Stainless steel pan with painted carbon steel frame and column, ABS indicator
- Backlit LCD display
- lb, oz, lb:oz, kg, g
- Polyurethane wheels with quick-lock mechanism
- Parts Counting software included
- AC power adapter or 100-hour internal rechargeable lead acid battery (included)
- RS232 interface included



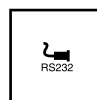
NTEP
Certified



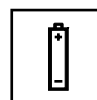
Measurement
Canada Approved



Parts
Counting



RS232
Interface



Rechargeable
Battery

Model	D31P250TX	D31P500TX
Capacity × Readability (default: cal unit lb)	500 × 0.1 lb / 227 × 0.05 kg	1,000 × 0.2 lb / 454 × 0.1 kg
Capacity × Readability (cal unit kg)	250 × 0.05 kg / 551 × 0.2 lb	500 × 0.1 kg / 1,102 × 0.5 lb
Certified / Approved	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



Receiving

IMPROVED!



DEFENDER™ 3000XW

XTREME WASHDOWN SCALES

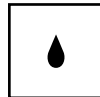
- NEMA 4X/IP65 washdown protection
- 1:6,000 – 1:7,500 maximum displayed resolution
- Stainless-steel indicator, column, pan and base
- lb, oz, lb:oz (decimal), kg, and g
- Backlit LCD display
- Parts Counting software included
- Internal AC power supply or 58-hour internal rechargeable battery (included)
- RS232 interface included



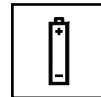
Parts Counting



RS232



NEMA 4X / IP65



Rechargeable Battery

Model	D32XW30VR	D32XW60VR	D32XW60VL	D32XW150VL	D32XW150VX	D32XW300VX
Capacity × Readability	66 × 0.02 lb 1,056 × 0.2 oz 66 lb × 0.2 oz 30 × 0.005 kg	132 × 0.05 lb 2,112 × 0.5 oz 160 lb × 0.5 oz 60 × 0.01 kg	132 × 0.05 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 × 0.2 lb 10,576 × 2 oz 660 lb × 2 oz 300 × 0.05 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	



DEFENDER™ 3000 BENCH SCALES

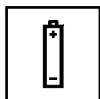
- 1:6,000 - 1:7,500 maximum displayed resolution
- Stainless steel pan with painted carbon steel frame and column, ABS indicator
- Backlit LCD display
- lb, oz, lb:oz, kg, g
- Parts Counting software included
- AC power adapter or 100-hour internal rechargeable lead acid battery (included)
- RS232 interface included



Parts Counting



RS232 Interface



Rechargeable Battery

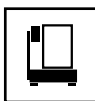
Model	D31P30BR	D31P60BR	D31P60BL	D31P150BL	D31P150BX	D31P300BX
Capacity × Readability	66 × 0.02 lb 1056 × 0.2 oz 66 lb × 0.2 oz 30 × 0.005 kg	132 × 0.05 lb 2,112 × 0.5 oz 160 lb × 0.5 oz 60 × 0.01 kg	132 × 0.05 lb 2,112 × 0.5 oz 160 lb × 0.5 oz 60 × 0.01 kg	330 × 0.05 lb 5,280 × 1 oz 300 lb × 1 oz 150 × 0.02 kg	330 × 0.05 lb 5,280 × 1 oz 300 lb × 1 oz 150 × 0.02 kg	660 × 0.2 lb 10,576 × 2 oz 660 lb × 2 oz 300 × 0.05 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

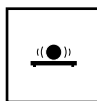


SD

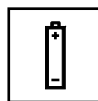
- 1:1,650 - 1:2,200 maximum displayed resolution
- Painted steel platform with painted steel platform and ABS plastic indicator
- Modes for dynamic weighing and display hold
- AC power adapter (included) or 4 "C" cell battery power (not included)
- lb or kg units
- Universal table/wall mounting brackets included



Display Hold



Dynamic/
Animal Weighing

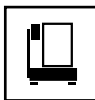


Battery Power

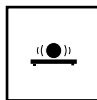
Model	SD35	SD75	SD200	SD75L	SD200L
Capacity x Readability	77 × 0.05 lb 35 × 0.02 kg	165 × 0.1 lb 75 × 0.05 kg	440 × 0.2 lb 200 × 0.1 kg	165 × 0.1 lb 75 × 0.05 kg	440 × 0.2 lb 200 × 0.1 kg
Typical Battery Life	360 Hours				
Scale Base Size	12.4 × 11 × 1.7 in / 31.6 × 28 × 4.5 cm			20.5 × 15.7 × 3in /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

CATAPULT 1000

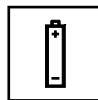
- 1:1,500 - 1:2,200 maximum displayed resolution
- ABS Plastic construction
- Modes for dynamic weighing and display hold
- lb or kg units
- AC power adapter (included) or 4 "C" cell battery power (not included)
- Integrated handles for easy transport
- Stainless steel pan cover optional



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	12.4 x 11 in / 316 x 280 mm		
Construction	ABS plastic housing and weighing pan		

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

Mechanical



D500M MOBILE FLOOR BEAM SCALES NTEP CERTIFIED LEGAL FOR TRADE

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

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



NTEP
Certified

NTEP Certificate of Conformance No. 08-870

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	10	25 to 500 lb	3	3		3	3	3		3			3	3	3			3
Defender 5000 XW	11		3	3		3	3	3		3	3		3	3	3			3
Defender 5000 X	12	25 to 600 lb	3	3		3	3	3		3	3		3	3				3
Defender 5000 with T51P	13,14		3	3		3	3	3		3	3		3	3				3
Defender 3000 with T32XW	17	66 to 660 lb	3	3		3	3	3					3	3	3			
Defender 3000 with T31P	17		3	3		3	3	3					3	3				
CKW	9	6 to 60 lb	3	3		3	3	3		3			3	3	3	3	3	3
SD	18	77 to 440 lb	3				3							3				
Compact Bench Scales																		
Trooper	6	6 to 60 lb	3	3			3	3		3			3	3				3
EB	6	6 to 66 lb	3	3			3	3		3	3		3	3				
Catapult 1000	18	20 to 165 lb	3				3						3	3				
Portioning Scales																		
FD	3	6 to 30 lb	3	3	3	3	3	3		3	3		3	3		3	3	3*
Valor 5000	4	6 to 60 lb	3	3	3	3	3	3		3	3		3	3		3	3	3*
Valor 3000	5	<1 to 13 lb	3	3	3	3	3	3	3	3	3	3	3		3*	3	3	3*
BW	7	3 to 30 lb	3	3**			3**	3**										3**
Valor 2000	7*	6 to 30 lb	3	3			3	3		3					3	3	3	
Valor 1000	8	6 to 66 lb	3	3			3	3		3			3	3		3		
Culinary Scale	8	11 lb		3		3				3			3					
Retail Scales																		
RE	2	30 or 60 lb	3										3	3				3
RA	2	15 or 30 lb	3										3	3				3
Mechanical Scales																		
D500M	19	1,000 lb	3											3				3

✓* 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 creates products which 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**.



Ingeniously Practical

80774280_G_NP © Copyright Ohaus Corporation

OHAUS CORPORATION

* 7 Campus Drive
Suite 310
Parsippany, NJ 07054 USA

Tel: 800.672.7722
973.377.9000
Fax: 973.944.7177

www.ohaus.com

*With offices throughout
Europe, Asia, and
Latin America*

***ISO 9001**
Registered Quality
Management System