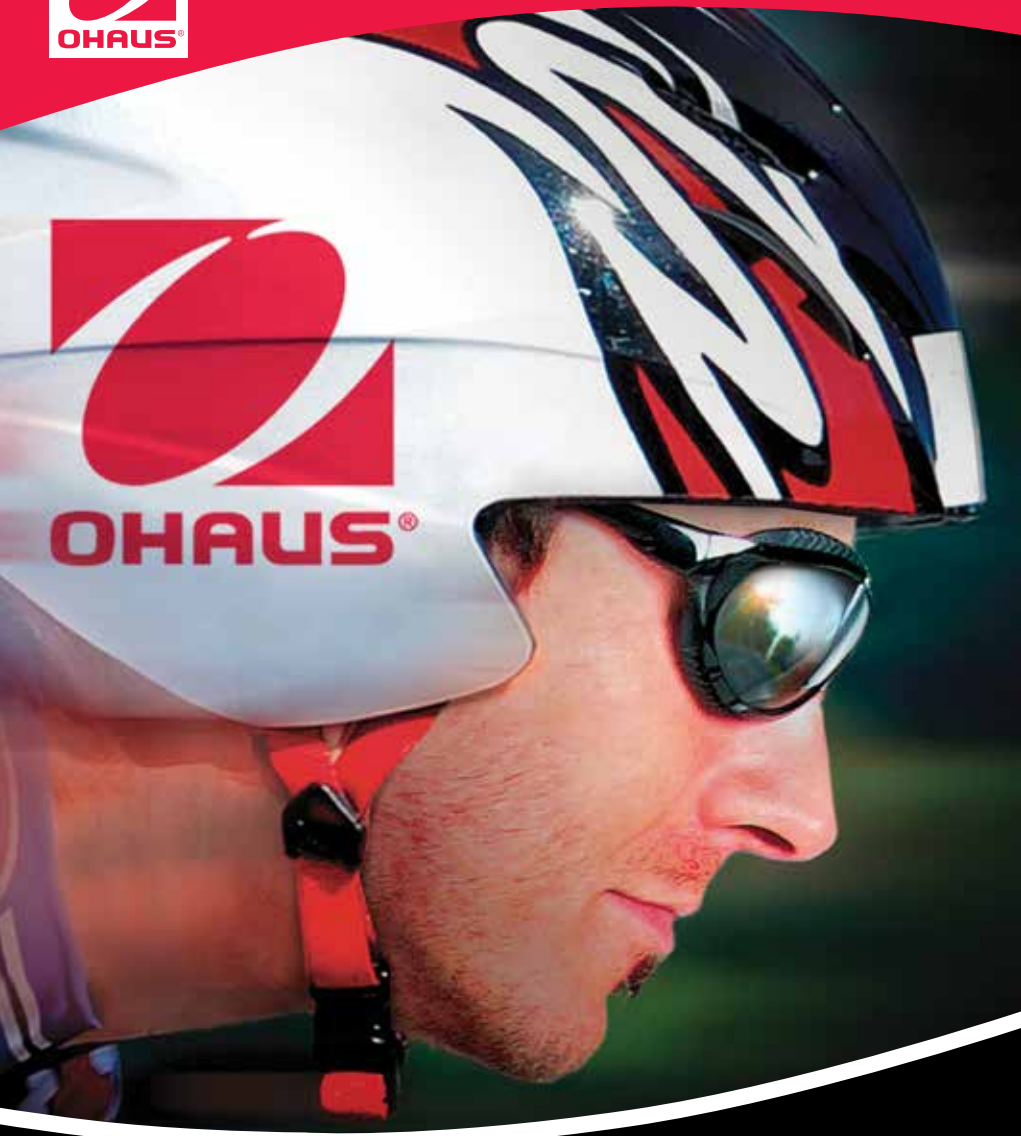
# OHAUS Catalog




*Ingeniously Practical*

*Asia Pacific*

# *OHAUS History*

launched lab equipment including shakers, vortex mixers, dry block heaters, etc.

**2017**

**2012** Introduced the Explorer line of analytical and precison balances - the most intuitive and advanced product in OHAUS history to date.

Introduced Voyager® and Explorer® - the first modular balances.

**1995**

**1984** First electronic moisture determination balance introduced.

Gustav OHAUS Award program established to honor teachers for their commitment to academics. Awarded to entrants for excellence in science teaching

**1969**

**1950** Occupied new factory in Union, NJ.

**1907**

The year Gustav OHAUS was decided to the scale repair business in Newark, NJ.

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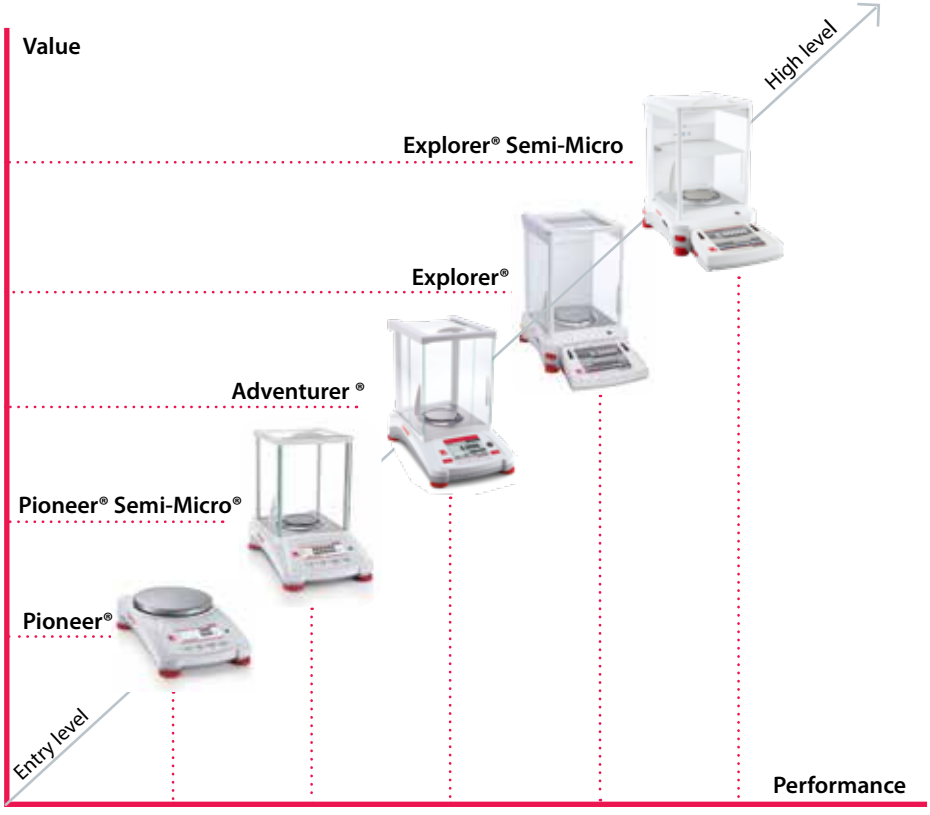
# *OHAUS Analytical Balances*




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Parts Counting | Check-Weighing | Dynamic/ Animal weighing | Percent Weighing | Totalization | Peak Hold | Statistics | Filling |
| Pipette Adjustment | Differential Weighing | Formulation | Ingredient Costing | SQC | Density Determination | Internal Calibration | Gross/Net/ Tare |
| Time/ Date | GLP Data Output | Weigh Below Hook | Backlit Touchscreen | RS232/USB Interface | Ethernet Interface (Optional) | NTEP Certified (Optional) | OIML Approved |

# *OHAUS Analytical Balances*

## Application Selector

| Laboratory Balances Applications | Semi-Micro, Analytical and Precision | | | | | |
|---|---|---|---|---|---|---|
| | PX | PX 5d | AX | EX Hicap | EX | EX 5d |
| Basic Weighing | ● | ● | ● | ● | ● | ● |
| Parts Counting | ● | ● | ● | ● | ● | ● |
| Percentage Weighing | ● | ● | ● | ● | ● | ● |
| Below Balances Weighing | | | ● | ● | ● | ● |
| Custom unit | | | ● | ● | ● | ● |
| Checkweighing | | | ● | ● | ● | ● |
| Dynamic/ Animal Weighing | ● | ● | ● | ● | ● | ● |
| Gross/Net/Tare | | | | ● | ● | ● |
| Mole Weighing | | | | | | |
| Totalization | | | ● | ● | ● | ● |
| Statistic | | | ● | ● | ● | ● |
| Differential Weighing | | | | ● | ● | ● |
| Filling | | | | ● | ● | ● |
| Density Determination | ● | ● | ● | ● | ● | ● |
| Pipette Adjustment | | | | | ● | ● |
| Display Hold | | | | ● | ● | ● |
| Formulation | | | | ● | ● | ● |
| Ingredient Costing | | | | ● | ● | |
| SQC | | | | ● | ● | ● |
| Peak Hold | | | | ● | ● | ● |
| GLP Time/Date | | | | ● | ● | ● |
| Internal Calibration | ● | ● | ● | ● | ● | ● |
| Battery Operated | | | | | | |
| Rechargebale Batter | | | | ● | | |
| Backlit LCD | ● | ● | | | | |
| Full color VGA touch display | | | ● | ● | ● | ● |
| RS232 | ● | ● | ● | ● | ● | ● |
| USB | ● | ● | ● | ● | ● | ● |
| Ethernet | | | | ● | ● | ● |

● Standard

● Optional

# *OHAUS Analytical Balances*

## Explorer® Semi-Micro Series

### *Built for Sophisticated, Professional Weighing*

- Capacities from 52g till 220g with read-ability to 0.01mg.
- Ultra-Fast Stabilization Time.
- Optional Automatic Draftshield Door and Build-in Ionizer models.
- AutoCal™ Internal Calibration.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Parts Counting | Check-Weighing | Dynamic/ Animal weighing | Percent Weighing | Totalization | Peak Hold | Statistics | Filling |
| Pipette Adjustment | Density Determination | Formulation | Differential Weighing | SQC | Internal Calibration | GLP Data Output | Time/ Date |
| RS232/USB Interface | Weigh Below Hook | Backlit Touchscreen | Ethernet Interface (Optional) | OIML Approved | Gross/Net/ Tare | | |



Learn More

Explorer® Semi-Micro

Automatically open side draftshield doors* with four programmable touchless sensors

Built-in ionizer neutralizes static charges

| Model | EX125D | EX125 | EX225D | EX225D/AD | EX225/AD |
|---|---|---|---|---|---|
| Capacity | 52 g / 120 g | 120 g | 120 g/220g | 120 g/220 g | 220 g |
| Readability (d) | 0.01 mg / 0.1 mg | 0.01 mg | 0.01 mg / 0.1 mg | 0.01 mg / 0.1 mg | 0.01 mg |
| Repeatability (20 g) (std. dev.) | 0.015 mg | | | | |
| Linearity | ±0.1mg | | | | |
| Typical Min-weight (g) (USP, u=0.10%, k=2) | 20.0 mg | | | | |
| Optimized Min-weight (g) (USP, u=0.10%, k=2) SRP≤0.41d | 9.0 mg | | | | |
| Pan Size | Ø 80 mm | | | | |
| Stablization Time | 0.1 mg: ≤3 second, 0.01 mg: ≤8 second | | | | |

Explorer®
Semi-Micro

**Learn More**

# *OHAUS Analytical Balances*

## Pioneer® Semi-Micro Series

### *Combining Economy and High Performance for Essential Weighing*

- Competitive Performance at an Economical Price.
- Durably Constructed for Long-Term Use.
- Designed for Simple, Intelligent Operation.

Parts Counting

Percent Weighing

Weigh Below Hook

Internal Calibration (Optional)

OIML Approved (Optional)

NTEP Certified (Optional)

Density Determination

Dynamic/ Animal weighing



Learn More

Pioneer® Semi-Micro

Large viewing angle with bright backlight LCD display. 2 line display provides additional information or guidance prompts.

A static removal bar (constructed of permanent static electric dissipative ABS) provides a convenient grounding location.

RS232 and USB device ports allow for easy connectivity to PCs and PLCs. Equipped with a security lock to prevent un-authorize equipment relocation.

| InCal™ Models | PX85 | PX125D* | PX225D* |
|---|---|---|---|
| Capacity (g) | 82 | 52/120 | 82/220 |
| Readability (g) | 0.00001 | 0.00001/0.0001 | 0.00001/0.0001 |
| Repeatability (STDEV) (g) | 0.00002 | 0.00002/0.0001 | 0.00002/0.0001 |
| Linearity (g) | ±0.0001 | | |
| Stabilization Time (s) | 10 | | |
| Platform Size (mm) | 80 | | |
| Typical Minimum Weight USP (USP K=2, U=0.10%) | 20 mg | | |
| Optimized Minimum Weight (USP, U=0.10%, K=2)SRP≤0.41d** | 9 mg | | |
| Assembled Dimensions (mm) (W x D x H) | 209 × 321 × 309 | | |
| Shipping Dimension (mm) (W x D x H) | 507 × 387 × 531 | | |

*D- Dual range balance
** The value for SRP is the standard deviation for n replicate weighing (n≥10)

# *OHAUS Analytical Balances*

## Explorer® Series

***Intelligent Performance No Matter How Difficult the Task!***

- Durable balance housing design with optional AutoDoor feature for side draftshield doors.
- Full-color TouchScreen VGA graphic display.
- Virtual QWERTY Keyboard and numeric keypad for fast data input.
- 4 programmable touchless sensors.

Parts Counting

Check-Weighing

Dynamic/ Animal weighing

Percent Weighing

Totalization

Peak Hold

Statistics

Filling

Pipette Adjustment

Differential Weighing

Formulation

Ingredient Costing

SQC

Gross/Net/ Tare

Density Determination

Internal Calibration

Time/ Date

GLP Data Output

Weigh Below Hook

Backlit Touchscreen

RS232/USB Interface

Ethernet Interface (Optional)

NTEP Certified (Optional)

OIML Approved



Learn More

Explorer®

Resistive touch screen display quickly responds to operator's touch

Four touchless sensors provide hands-free operation of tare, print, calibration, and other selectable functions.

Explorer features fast stabilization times, optimized linearity and repeatability specifications, enhanced vibration filtering as well as AutoCal™ calibration to ensure accuracy.

| Model* | EX124 | EX224 | EX324 |
|---|---|---|---|
| Automatic Door | EX124/AD | EX224/AD | EX324/AD |
| Capacity | 120 g | 220 g | 320 g |
| Readability (g) | 0.0001 | | |
| Repeatability std (g) | ±0.0001 | | |
| Linearity (g) | ±0.0002 | | |
| Typical Min-Weight (USP, K=3, U=0.1%) | 0.24 g | | |
| Typical Min-Weight (GLP, K=2, U=0.1%) | 0.16 g | | |
| PanSize (cm) | 9 Diameter | | |
| Display Housing (W×H×D) (cm) | 19.5 × 9 × 15.4 | | |
| Base Housing (W×H×D) (cm) | 23 × 35 × 39.3 | | |

Learn More

Explorer®

# *OHAUS Analytical Balances*

## Adventurer® Series

***Ready For Your Lab, Wherever That May Be.***

- Balance design to perform with optimal weighing results.
- Color Touchscreen design.
- Smart Space-saving Draftshield design.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Parts Counting | Dynamic/ Animal weighing | Check-weighing | Percent Weighing | Totalization | Display Hold | Formulation | Internal Calibration (Optional) |
| Time/ Date | GLP Data Output | Backlit Touchscreen | Weigh Below Hook | RS232/USB (2nd Interface Optional) | OIML Approved (Optional) | NTEP Certified (Optional) | Gross/Net/ Tare |



Learn More

Adventurer®

Save to USB function

Color Touchscreen

| Model | AX124 | AX224 | AX324 |
|---|---|---|---|
| External Calibration | AX124/E | AX224/E | - |
| Capacity (g) | 120 | 220 | 320 |
| Readability (mg) | 0.0001 | | |
| Linearity (mg) | ± 0.0002 | | |
| Typical Min-weight (g) (USP, u=0.10%, k=2) | 0.20g | | |
| Optimized Min-weight (g) (USP, u=0.10%, k=2) SRP≤0.41d | 0.82g | | |
| Pan Size (in/cm) | Ø 90 mm | | |
| Base Housing (W×D×H) (cm) | 35.4 × 23 × 34 | | |
| Shipping Dimensions (cm) | 50.7 × 38.7 × 53.1 | | |

# *OHAUS Analytical Balances*

## Pioneer® Series

### *Combining Economy and High Performance for Essential Weighing*

- Competitive Performance at an Economical Price.
- Durably Constructed for Long-Term Use.
- Designed for Simple, Intelligent Operation.

| Parts Counting | Percent Weighing | Weigh Below Hook | Internal Calibration (Optional) | OIML Approved (Optional) | NTEP Certified (Optional) | Density Determination | Dynamic/ Animal weighing |
|---|---|---|---|---|---|---|---|



Learn More

Pioneer®

A static removal bar (constructed of permanent static electric dissipative ABS) provides a convenient grounding location.

RS232 and USB device ports allow for easy connectivity to PCs and PLCs. Equipped with a security lock to prevent un-authorize equipment relocation.

The PX offers high accuracy and repeatability for essential weighing applications in laboratory, industrial and education settings at an economical price point.

| InCal™ Models | PX84 | PX124 | PX224 |
|---|---|---|---|
| ExCal Models | PX84/E | PX124/E | PX224/E |
| Capacity (g) | 82 | 120 | 220 |
| Readability (g) | 0.0001 | | |
| Repeatability (STDEV) (g) | 0.0001 | | |
| Linearity (g) | ±0.0002 | | |
| Stabilization Time (s) | 3 | | |
| Platform Size (mm) | 90 | | |
| Typical Minimum Weight USP (USP K=2, U=0.10%) | 200 mg | | |
| Optimized Minimum Weight (USP, U=0.10%, K=2)SRP≤0.41d** | 82 mg | | |
| Assembled Dimensions (mm) (W x D x H) | 209 x 321 x 309 | | |
| Shipping Dimension (mm) (W x D x H) | 507 × 387 × 531 | | |

** The value for SRP is the standard deviation for n replicate weighing (n≥10)

Learn More

# *OHAUS Precision Balances*

## Explorer® Series

### *The Industry's Most Easy-to-Use Balance*

- Durable balance housing design with optional AutoDoor feature for side drafts-hield doors.
- Full-color TouchScreen VGA graphic display.
- Virtual QWERTY Keyboard and numeric keypad for fast data input.
- 4 programmable touchless sensors.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Parts Counting | Check-Weighing | Dynamic/ Animal weighing | Percent Weighing | Totalization | Peak Hold | Statistics | Filling |
| Pipette Adjustment | Differential Weighing | Formulation | Ingredient Costing | SQC | Density Determination | Internal Calibration | Gross/Net/ Tare |
| Time/ Date | GLP Data Output | Weigh Below Hook | Backlit Touchscreen | RS232/USB Interface | Ethernet Interface (Optional) | NTEP Certified (Optional) | OIML Approved |



Learn More

Explorer® Precision

Tower mount accessory available

Adjustable viewing angle display

Display can be separated from the weighing base. Extension cable accessory extends remote use up to 10 feet.

| Model | EX223** | EX423** | EX623** | EX1103** | EX2202 | EX4202 | EX6202 | EX10202 | EX6201 | EX10201 |
|---|---|---|---|---|---|---|---|---|---|---|
| External Calibration | EX223/E | EX423/E | - | - | EX2202/E | EX4202/E | EX6202/E | - | EX6201/E | - |
| Capacity (g) | 220 | 420 | 620 | 1100 | 2200 | 4200 | 6200 | 10200 | 6200 | 10200 |
| Readability (g) | 0.001 | | | | 0.01 | | | | 0.1 | |
| Repeatability std (g) | ±0.001 | | | | ±0.01 | | | | ±0.1 | |
| Linearity (g) | ±0.002 | | | | ±0.02 | | | | ±0.2 | |
| Typical Min-Weight (USP, K=3, U=0.1%) | 1.6 g | | | | 16 g | | | | 160 g | |
| PanSize (in/mm) | Ø5.1 / 130 | | | | 7.5 × 7.9 / 190 × 200 | | | | | |
| Display Housing (W×H×D) (in/mm) | 7.7 × 3.5 × 6.0 / 195 × 90 × 154 | | | | | | | | | |
| Base Housing (W×H×D) (in/mm) | 9.1 × 13.8 × 15.5 / 230 × 350 × 393 | | | | 9.1 × 3.9 × 15.5 / 230 × 98 × 393 | | | | | |

**Includes draftshield.

Learn More

# *OHAUS Precision Balances*

## Adventurer® Series

***The most complete balance in its class!***

- Balance design to perform with optimal weighing results.
- Color Touchscreen design.
- Smart Space-saving Draftshield design.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Parts Counting | Dynamic/ Animal weighing | Check-weighing | Percent Weighing | Totalization | Display Hold | Time/ Date | GLP Data Output |
| Backlit Touchscreen | Weigh Below Hook | Internal Calibration (Optional) | RS232/USB (2nd Interface Optional) | OIML Approved (Optional) | NTEP Certified (Optional) | Formulation | Gross/Net/ Tare |



Learn More

Adventurer® Precision

Fast stabilization and reliable operation are enhanced by the AutoCalTM option to ensure solid weighing performance and accurate, repeatable results for standard laboratory applications.

| Model | AX223 | AX423 | AX523 | AX622 | AX1502 | AX2202 | AX4202 | AX5202 | AX4201 | AX8201 |
|---|---|---|---|---|---|---|---|---|---|---|
| External Calibration | AX223/E | AX423/E | AX523/E | AX622/E | AX1502/E | AX2202/E | AX4202/E | - | AX4201/E | AX8201/E |
| Capacity (g) | 220 | 420 | 520 | 620 | 1520 | 2200 | 4200 | 5200 | 4200 | 8200 |
| Readability (g) | 0.001 | | | 0.01 | | | | | 0.1 | |
| Linearity (g) | ±0.001 | | | ± 0.02 | | | | | ± 0.2 | |
| Typical Min-Weight (USP, K=2, U=0.1%) | 2.0 g | | | 20.0 g | | | | | 200.0 g | |
| Pan Size (cm) | Ø 13 | | | 17.5 × 19.5 | | | | | | |
| Base Housing (W×D×H) (cm) | 35.4 × 23 × 34 | | | 35.4 × 23 × 10 | | | | | | |
| Shipping Dimensions (cm) | 50.7 × 38.7 × 53.1 | | | 55.7 × 39.2 × 30.1 | | | | | | |

Adventurer®
Precision

Learn More

# *OHAUS Precision Balances*

## Pioneer® PX Series

### *Combining Economy and High Performance for Essential Weighing*

- Competitive Performance at an Economical Price.
- Durably Constructed for Long-Term Use.
- Designed for Simple, Intelligent Operation.

| Parts Counting | Percent Weighing | Weigh Below Hook | Internal Calibration (Optional) | OIML Approved (Optional) | NTEP Certified (Optional) | Density Determination | Dynamic/ Animal weighing |
|---|---|---|---|---|---|---|---|



Learn More

Pioneer® Precision

| InCal™ Models | PX163 | PX223 | PX323 | PX423 | PX523 |
|---|---|---|---|---|---|
| ExCal Models | PX163/E | PX223/E | PX323/E | PX423/E | PX523/E |
| Capacity (g) | 160 | 220 | 320 | 420 | 520 |
| Readability (g) | 0.001 | | | | |
| Repeatability (STDEV) (g) | 0.001 | | | | |
| Linearity (g) | ±0.002 | | | | |
| Stabilization Time (s) | 2 | | | | |
| Platform Size (mm) | 120 | | | | |
| Typical Minimum Weight USP (USP K=2, U=0.10%) | 2g | | | | |
| Optimized Minimum Weight (USP, U=0.10%, K=2) SRP≤0.41d** | 0.82g | | | | |
| Assembled Dimensions (mm) (W x D x H) | 209 x 321 x 309 | | | | |
| Shipping Dimension (mm) (W x D x H) | 507 x 387 x 531 | | | | |

Note: Models above includes draftsheild
*The value for SRP is the standard deviation for n replicate weighing (n≥10)

Large viewing angle with bright backlight LCD display. 2 line display provides additional information or guidance prompts to the user.

RS232 and USB device ports allow for easy connectivity to PCs and PLCs. Equipped with a security lock to prevent un-authorize equipment relocation.

| InCal™ Models | PX822 | PX1602 | PX2202 | PX3202 | PX4202 | PX5202 | PX2201 | PX4201 | - | - |
|---|---|---|---|---|---|---|---|---|---|---|
| ExCal Models | PX822 /E | PX1602 /E | PX2202 /E | PX3202 /E | PX4202 /E | PX5202 /E | PX2201 /E | PX4201 /E | PX6201 /E | PX8201 /E |
| Capacity (g) | 820 | 1600 | 2200 | 3200 | 4200 | 5200 | 2200 | 4200 | 6200 | 8200 |
| Readability (g) | 0.01 | | | | | | 0.1 | | | |
| Repeatability (STDEV) (g) | 0.01 | | | | | | 0.1 | | | |
| Linearity (g) | ±0.02 | | | | | | ±0.2 | | | |
| Stabilization Time (s) | 1 | | | | | | 1 | | | |
| Platform Size (mm) | 180 | | | | | | 180 | | | |
| Typical Minimum Weight USP (USP K=2, U=0.10%) | 20 g | | | | | | 200g | | | |
| Optimized Minimum Weight (USP, U=0.10%, K=2) SRP≤0.41d** | 8.2 g | | | | | | 82g | | | |
| Assembled Dimensions (mm) (W x D x H) | 209 X 321 X 98 | | | | | | | | | |
| Shipping Dimension (mm) (W x D x H) | 550 x 385 x 291 | | | | | | | | | |

*The value for SRP is the standard deviation for n replicate weighing (n≥10)

Learn More

Pioneer®
Precision

# *OHAUS High Capacity Balances*

## Explorer® Series

### *The Industry's Most Easy-to-Use Balance*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Parts Counting | Check-Weighing | Dynamic/ Animal weighing | Percent Weighing | Totalization | Peak Hold | Statistics | Internal Calibration |
| Filling | Gross/Net/ Tare | Density Determination | Differential Weighing | Formulation | Ingredient Costing | SQC | Ethernet Interface (Optional) |
| Time/ Date | GLP Data Output | Weigh Below Hook | Backlit Touchscreen | RS232/USB Interface | OIML Approved | | |



Learn More

Explorer®
High Capacity

- Die-cast IP54 protection metal base that prevents from damage. Includes a large rugged stainless steel pan built to withstand rugged daily usage.
- A Full-color TouchScreen VGA graphic separation display for increased flexibility.
- Virtual QWERTY Keyboard and numeric keypad for fast data input.
- 2 programmable touchless sensors, Weight below hook included.

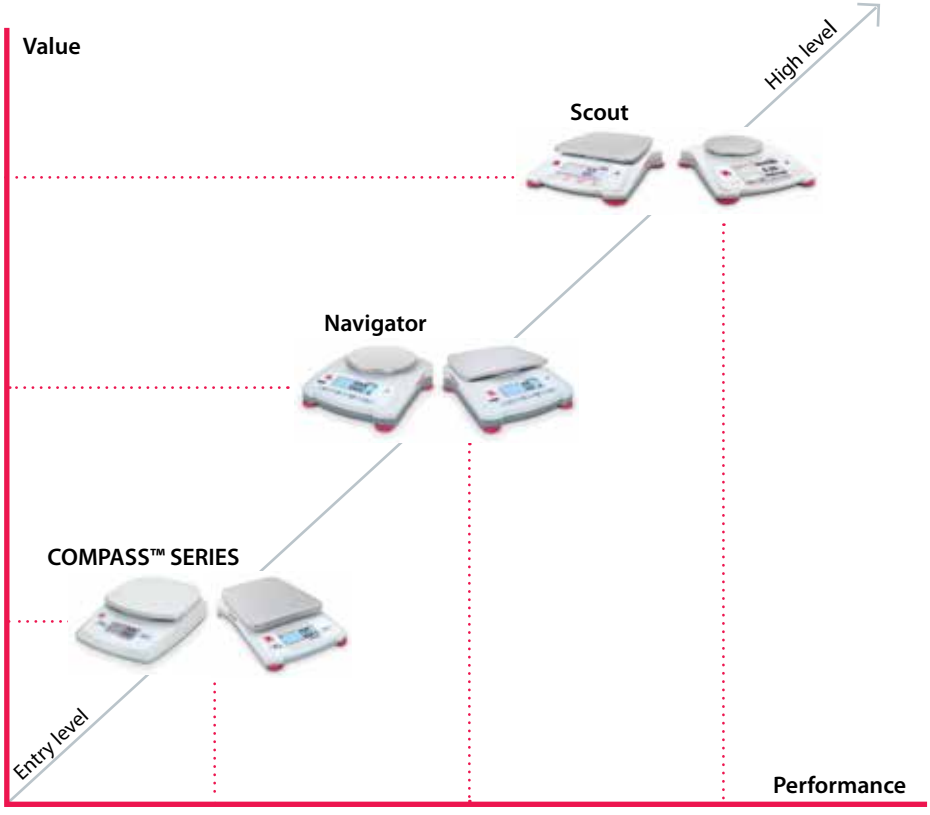
Shown with optional rolling feet and tower mount

| Model | EX12001 | EX24001 | EX35001 |
|---|---|---|---|
| Capacity (g) | 12000 | 24000 | 35000 |
| Readability (g) | 0.1 | 0.1 | 0.1 |
| Linearity (g) | ±0.2 | ±0.2 | ±0.2 |
| Stabilization TIme | ≤1 | ≤1 | ≤1 |
| Sensitivity Draft (PPM/°C) | 3 | 3 | 3 |
| Typical Min-Weight (USP, K=2, U=0.10%) | 160 g | 160 g | 160 g |
| Pan Size (cm) | 37.7 × 31.1 | | |
| Display Housing (W × H × D) (cm) | 19.5 × 9 × 15.4 | | |
| Base Housing (W × H × D) (cm) | 37.7 × 12 × 44.3 | | |
| Shipping Dimensions | 66.5 × 52.5 × 33 | | |

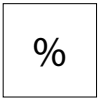
Explorer®
High Capacity

Learn More

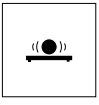
# *OHAUS Portable Balances*

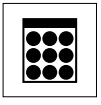


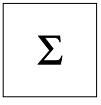
Parts Counting


Percent Weighing

Check-Weighing


Dynamic/ Animal weighing


Mole Weighing

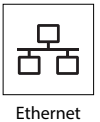

Totalization

Density Determination

Peak Hold

Backlight

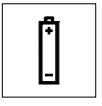
Backlit Touchscreen


Ethernet Interface (Optional)

Weigh Below Hook

Display Hold

RS232/ USB Interface (Optional)


Battery Power

# *OHAUS Portable Balances*

## Application Selector

| Portable Balances Applications | Portable Balances | | | | | |
|---|---|---|---|---|---|---|
| | CR | CX | NV | SKX | SPX | STX |
| Basic Weighing | ● | ● | ● | ● | ● | ● |
| Parts Counting | | | ● | | ● | ● |
| Percent Weighing | | | ● | | ● | ● |
| Checkweighing | | | ● | | ● | ● |
| Totalization | | | | | ● | ● |
| Peak Hold | | | | | ● | ● |
| Display Hold | | | | | ● | ● |
| Density Determination | | | | ● | ● | ● |
| Mole Weighing | | | | ● | ● | ● |
| Dynamic/ Animal Weighing | | | | | ● | ● |
| Backlit LCD | | ● | ● | ● | | |
| Backlit Touchscreen | | | | | ● | ● |
| Battery Power | ● | ● | ● | ● | ● | ● |
| Weigh Below Hook | | | | ● | ● | ● |
| Ethernet Interface | | | ● | ● | ● | ● |
| RS232/ USB Interface | | | ● | ● | ● | ● |
| USB Host Interface | | | | ● | ● | ● |

● Standard

● Optional

# *OHAUS Portable Balances*

## Scout® STX Series

***High-Performance Portable Precision Balances with Intuitive Touch-screens for High Accuracy and Productivity***

- Up to 220,000 d high resolution selections.
- Large Color Touchscreen, Easy to view and operate.
- As Fast As 1 sec Stabilization Time
- 10 Times Overload Protection, Protects the balance in rugged & demanding environments.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Parts Counting | Percent Weighing | Totalization | Weigh Below Hook | Display Hold | RS232/ USB Interface (Optional) | Battery Power | Check-Weighing |
| Dynamic/ Animal weighing | Peak Hold | Density Determination | Mole Weighing | Backlit Touchscreen | Ethernet Interface (Optional) | | |



Learn More

Scout® STX

Integrated superior overload protection system rated at 10 times the capacity protects the balance in rugged and demanding environments. The space-saving, slim design allows for stackable storage.

Scout USB Device Interface

Scout STX Stacking with 6 Balances

| Model | STX123 | STX223 | STX222 | STX422 | STX622 | STX1202 | STX2202 |
|---|---|---|---|---|---|---|---|
| Capacity (g) | 120 | 220 | | 420 | 620 | 1200 | 2200 |
| Readability (g) | 0.001 | | 0.01 | | | | |
| Linearity (g) | 0.003 | | 0.01 | | 0.02 | 0.03 | |
| Span Calibration Mass | 100 g | 200 g | | | 300 g | 1 kg | 2 kg |
| Pan Size (W × D) | Ø 93 mm | | Ø 120 mm | | | 170 × 140 mm | |
| Shipping Dimensions (W × D × H) | 300 × 250 × 129 mm | | | | | | |

| Model | STX421 | STX621 | STX2201 | STX6201 | STX8200 |
|---|---|---|---|---|---|
| Capacity (g) | 420 | 620 | 2200 | 6200 | 8200 |
| Readability (g) | 0.1 | | | | 1 |
| Linearity (g) | 0.1 | | | 0.2 | 1 |
| Span Calibration Mass | 200 g | 300 g | 2 kg | 5 kg | 8 kg |
| Pan Size (W × D) | Ø 120 mm | 170 × 140 mm | | | |
| Shipping Dimensions (W × D × H) | 300 × 250 × 129 mm | | | | |

Scout® STX

**Learn More**

# *OHAUS Portable Balances*

## Scout® SPX Series

### *Portable Precision Balances Provide Consistently Accurate Measurements*

- Large backlit display improves readability in low light conditions and is easier to view from a distance.
- Integrated overload protection and impact-resistant pan allow the balance to operate efficiently in demanding environments.
- Increase productivity with advanced weighing technology and stabilization time as fast as one-second.

Parts Counting

Percent Weighing

Totalization

Weigh Below Hook

Display Hold

RS232/ USB Interface (Optional)

Battery Power

Check-Weighing

Peak Hold

Backlight

Ethernet Interface (Optional)



Learn More

Scout® SPX

Scout SPX Overload Protection

Scout SPX Mole Weighing

Scout SPX Draftshield Revolve to Open

| Model | SPX123 | SPX223 | SPX222 | SPX422 | SPX622 | SPX1202 | SPX2202 |
|---|---|---|---|---|---|---|---|
| Capacity (g) | 120 | 220 | | 420 | 620 | 1200 | 2200 |
| Readability (g) | 0.001 | | 0.01 | | | | |
| Linearity (g) | 0.003 | | 0.01 | | 0.02 | 0.03 | |
| Span Calibration Mass | 100 g | 200 g | | | 300 g | 1 kg | 2 kg |
| Pan Size (W × D) | Ø 93 mm | | Ø 120 mm | | | 170 × 140 mm | |
| Shipping Dimensions (W × D × H) | 300 × 250 × 129 mm | | 300 × 250 × 86 mm | | | | |

| Model | SPX421 | SPX621 | SPX2201 | SPX6201 | SPX8200 |
|---|---|---|---|---|---|
| Capacity (g) | 420 | 620 | 2200 | 6200 | 8200 |
| Readability (g) | 0.1 | | | | 1 |
| Linearity (g) | 0.1 | | | 0.2 | 1 |
| Span Calibration Mass | 200 g | 300 g | 2 kg | 5 kg | 8 kg |
| Pan Size (W × D) | Ø 120 mm | 170 × 140 mm | | | |
| Shipping Dimensions (W × D × H) | 300 × 250 × 86 mm | | | | |

Scout® SPX

**Learn More**

# *OHAUS Portable Balances*

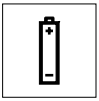
## Scout® SKX Series

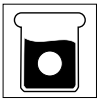
### *Portable Precision Balances Perfect for Classroom Use*

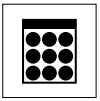
- Space-saving design allows for stackable storage (excluding the 1 mg model).
- Integrated overload protection system rated at ten times the capacity protects the balance in demanding classroom environments.
- Large backlit display improves readability in low-light conditions and makes it easier to view results from across a desk or lab bench.

Weigh Below Hook

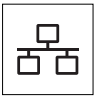
RS232/ USB Interface (Optional)


Battery Power


Density Determination


Mole Weighing

Backlight


Ethernet Interface (Optional)



Learn More

Scout® SKX

Scout SKX Density Determination

Scout SKX Mole Weighing

Scout SKX Stacking with 6 Balances

| Model | SKX123 | SKX222 | SKX422 | SKX622 | SKX1202 | SKX2202 |
|---|---|---|---|---|---|---|
| Capacity (g) | 120 | 220 | 420 | 620 | 1200 | 2200 |
| Readability (g) | 0.001 | 0.01 | | | | |
| Linearity (g) | 0.003 | 0.01 | | 0.02 | 0.03 | |
| Span Calibration Mass | 100 g | 200 g | | 300 g | 1 kg | 2 kg |
| Pan Size (W × D) | Ø 93 mm | Ø 120 mm | | | 170 × 140 mm | |
| Shipping Dimensions (W × D × H) | 300 × 250 × 129 mm | | | | | |

| Model | SKX421 | SKX621 | SKX2201 | SKX6201 | SKX8200 |
|---|---|---|---|---|---|
| Capacity (g) | 420 | 620 | 2200 | 6200 | 8200 |
| Readability (g) | 0.1 | | | | 1 |
| Linearity (g) | 0.1 | | | 0.2 | 1 |
| Span Calibration Mass | 200 g | 300 g | 2 kg | 5 kg | 8 kg |
| Pan Size (W × D) | Ø 120 mm | 170 × 140 mm | | | |
| Shipping Dimensions (W × D × H) | 300 × 250 × 129 mm | | | | |

Learn More

Scout® SKX

# *OHAUS Portable Balances*

## Navigator™ Series

### *Multi-Purpose Portable Balances Suitable for Everyday Weighing*

NV Square Pan

- Rugged Design With Large Platform, Allows a wider & higher capacity range weighing.
- Up To 1 sec Stabilization Time, Increases productivity.
- Touchless Sensor, Frees up your hands for handling samples.

NV Round Pan

NVT

| Parts Counting | Backlight | Check-Weighing | Percent Weighing | Battery Power | RS232/USB | Ethernet Interface (Optional) |
|---|---|---|---|---|---|---|



Learn More

Navigator™ Series

| Model | NV 222 | NV 422 | NV 622 | NV 221 | NV 621 | NV 1201 | NV 2201 | NVT 2201 | NVT 4201 | NVT 6201 | NVT 2200 | NVT 6200 | NVT 12000 | NVT 22000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Capacity (g) | 220 | 420 | 620 | 220 | 620 | 1200 | 2200 | 2200 | 4200 | 6200 | 2200 | 6200 | 12000 | 22000 |
| Readability (g) | 0.01 | | | 0.1 | | | | | | | 1 | | | |
| Stabilization Time(s) | 1 | 1.5 | | 1 | | | | | 1.5 | | 1 | | | |
| Construction | ABS housing and stainless steel pan | | | | | | | | | | | | | |
| Application Modes | Weighing, Parts Counting, Percent Weighing, Checkweighing | | | | | | | | | | | | | |
| Power Requirement | AC adapter (included) or 4 C batteries (not included) | | | | | | | | | | | | | |
| Typical Battery Life | 270 hours | | | | | | | | | | | | | |
| Communication | RS232, USB, or Ethernet (available as accessories) | | | | | | | | | | | | | |
| Display Type | Liquid Crystal Display (LCD) with backlight | | | | | | | | | | | | | |
| Display Size | 20 mm digits | | | | | | | | | | | | | |
| Pan Size (W × D) | Ø 145 mm | | | 190 × 144 mm | | | | 230 × 174 mm | | | | | | |
| Balance Dimensions (W × D × H) | 204 × 230 × 70 mm | | | | | | | 240 × 250 × 74 mm | | | | | | |

Navigator™ Series

**Learn More**

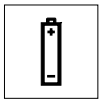
# *OHAUS Portable Balances*

## COMPASS™ CX Series

### *Energy-Efficient Portable Scale Suitable for Workplace and in-the-Field Weighing*

- Features 3 alkaline batteries capable of 1,000 h uninterrupted operation.
- Large Backlit LCD Display, Increases read-ability in dim lighting conditions.
- Practical Space-Saving Design, Allows to stack up to 4 scales to save storage space.

Backlight



Battery Power

| Model | CX221 | CX621 | CX1201 | CX2200 | CX5200 |
|---|---|---|---|---|---|
| Capacity (g) | 220 | 620 | 1200 | 2200 | 5200 |
| Readability (g) | 0.1 | | | 1 | |
| Stabilization Time(s) | 1.5 | | 2 | 1.5 | |
| Typical Battery Life | 1,000 hours | | | | |
| Display Type | Liquid crystal display (LCD) with backlight | | | | |
| Display Size | 18 mm | | | | |
| Pan Size (W × D) | 128 × 142 mm | | | | |
| Balance Dimensions (W × D × H) | 135 × 201 × 41 mm | | | | |



Learn More

CX Series

# OHAUS Portable Balances

## COMPASS™ CR Series

### *Quality Portable Electronic Scales Suitable for Everyday Weighing*

- Intuitive two-button design makes for easy operation.
- Slim, space-saving design allows for stackable storage.
- Enlarged weighing platform can adequately handle large samples and a variety of objects.

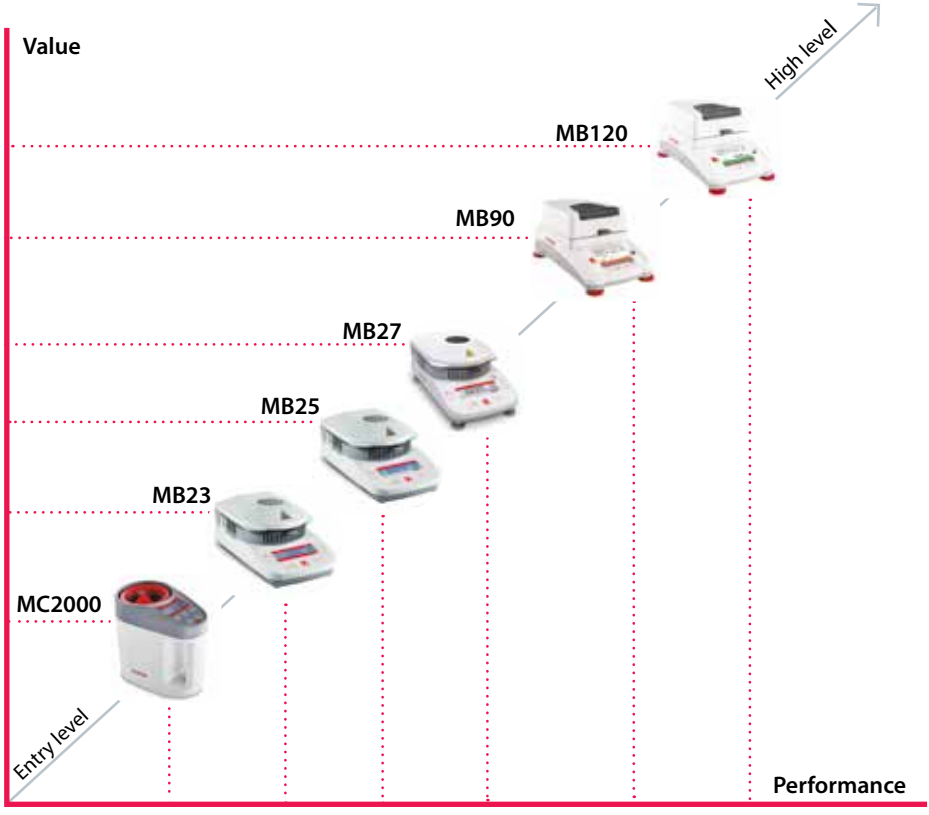
Battery Power

| Model | CR221 | CR621 | CR2200 | CR5200 |
|---|---|---|---|---|
| Capacity (g) | 220 | 620 | 2200 | 5200 |
| Readability (g) | 0.1 | | 1 | |
| Stabilization Time(s) | 2 | | | |
| Typical Battery Life | 300 hours | | | |
| Display Type | Liquid crystal display (LCD) | | | |
| Display Size | 15 mm digits | | | |
| Pan Size (W × D) | 125 × 132 mm | | | |
| Balance Dimensions (W × D × H) | 140 × 205 × 41 mm | | | |

CR Series

Learn More

# *OHAUS Moisture Analysis*




Statistics

Moisture Analysis

Multi-language

Time/Date

GLP Data Output

Backlit Touchscreen

Backlight

RS232 Interface

RS232/USB

# *OHAUS Moisture Analysis*

## Application Selector

| Moisture Analysis Applications | Moisture Analysis | | | | | |
|---|---|---|---|---|---|---|
| | MC2000 | MB23 | MB25 | MB27 | MB90 | MB120 |
| Moisture Analysis | ● | ● | ● | ● | ● | ● |
| Statistics | | | | | ● | ● |
| Multi-language | | | | | ● | ● |
| Time/Date | | | | | ● | ● |
| GLP Data Output | | | | | ● | ● |
| Backlit Touchscreen | | | | | ● | ● |
| Backlit LCD | ● | ● | ● | ● | | |
| RS232 Interface | | ● | ● | ● | ● | ● |
| USB Device Interface | ● | | | | ● | ● |
| USB Host Interface | | | | | ● | ● |

● Standard

● Optional

# *OHAUS Moisture Analysis*

## MB120 & MB90

***Professional Moisture Analyzers for Advanced Moisture Analysis***

- Define your Drying Parameters and Store Up to 100 Methods for Easy Recall.
- Increase Efficiency in your Lab with Fast Heating Halogen Technology.
- Effortless Cleaning with the Tool-Free Cleaning Structure.
- Operate Intuitively Using Icon-Based Navigation on the Color Touchscreen Display.

Statistics

Moisture Analysis

Multi-language

Time/Date

GLP Data Output

Backlit Touchscreen

RS232 Interface



Learn More

MB120

# *OHAUS Moisture Analysis*

Easy Tool-Free Cleaning

Testing Made Simple

| Model | MB120 | MB90 |
|---|---|---|
| Capacity (g) | 120 g | 90 g |
| Readability | 0.01 %/0.001 g | 0.01 %/0.001 g |
| Repeatability (g) | 0.05 % (3 g sample)<br>0.015 % (10 g sample) | 0.18 % (3 g sample)<br>0.02 % (10 g sample) |
| Pan Size (cm)<br>Diameter | 90 mm | |
| Temperature Range | 40–230 °C | 40–200 °C |
| Heating ELment | Halogen | |
| Heating profile | Standard, Fast, Ramp, Step | Standard, Fast |
| Switch-off criteria | Manual, Timed, A30, A60, A90, Autofree mg/s, Autofree %/s | Manual, Timed, Auto |
| Method and result | 100 methods and total 1000 test results | 2 methods and total 100 test results |
| Others | Temperature guide, User management system | NA |
| Dimensions (W×H×D) (cm) | 210 × 180 × 350 mm | |
| Displays | %moisture, %solids, %regain, time, temperature, weight, method name, drying curve and statistics | |

MB90

Learn More

# OHAUS Moisture Analysis

## MB27

### *Ideal for routine moisture analysis requiring precise results!*

- The MB27 provides accurate results at 0.01%, 0.001 g. With a large capacity of 90 g.
- Simple to operate, Just press and hold the temperature or time buttons to set drying parameters.
- The compact footprint (17 × 14 × 28 cm) of the OHAUS MB27 is designed to take up less space, and easy to clean.

Moisture Analysis

Backlight

RS232 Interface

| Model | Cap. | Read. | Temperature |
|---|---|---|---|
| MB27 | 90 g | 0.01%/0.001 g | 50°C - 160°C |

## MB25

### *Redefining Value in Moisture Analysis!*

- The MB25 features a bright backlit LCD and easy one-button setup for simple use and menu navigation.
- The MB25 utilizes a halogen heating element for swift drying of samples.
- The MB25's design makes it easy-to-clean and its compact size allows it to take up less space and fit into almost any work setting.

Moisture Analysis

Backlight

RS232 Interface

| Model | Cap. | Read. | Temperature |
|---|---|---|---|
| MB25 | 110 g | 0.05%/0.005 g | 50°C - 160°C |



Learn More

MB 27

MB 25

# OHAUS Moisture Analysis

## MB23

### *Redefining Value in Moisture Analysis!*

- The MB23 features a bright backlit LCD and easy one-button setup for simple use and menu navigation.
- The MB23 utilizes a metallic sheathed - no glass - infra-red heating element for drying of samples.
- The MB23's design makes it easy-to-clean and its compact size allows it to take up less space and fit into almost any work setting.

Moisture Analysis

Backlight

RS232 Interface

| Model | Cap. | Read. | Temperature |
|---|---|---|---|
| MB23 | 110 g | 0.1%/0.01 g | 50°C - 160°C |

## MC2000

### *Ideal for routine moisture analysis requiring precise results!*

- User-friendly touch-button design for easy operation.
- Temperature compensation system ensures accurate results in five seconds.
- The versatile MC2000 can test 50-grain categories (10 pre-programmed).

Moisture Analysis

Backlight

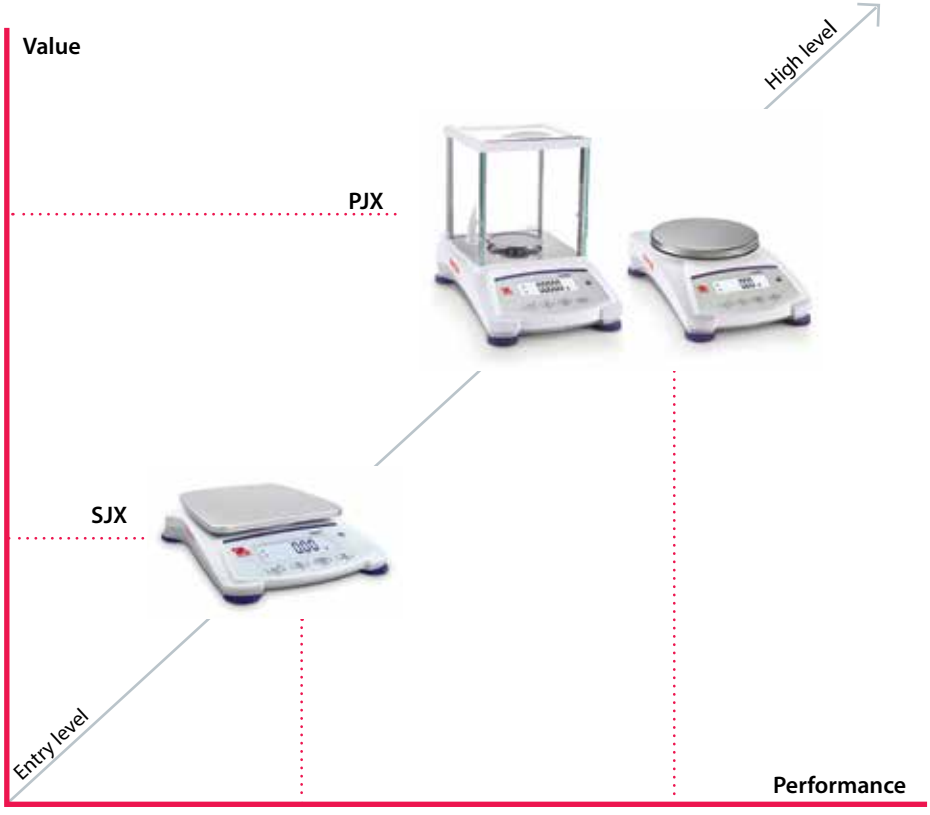
| Model | Sample Volume | Read. | Temperature |
|---|---|---|---|
| MC2000 | 220 g | 0.1% | 0°C - 50°C |


Learn More

MB23

MC2000

# *OHAUS Jewellery Balance*




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Parts Counting | Percent Weighing | Totalization | Weigh Below Hook | Display Hold | RS232/ USB Interface (Optional) | Battery Power | Check-Weighing |

| | | | |
|---|---|---|---|
| Peak Hold | Ethernet Interface (Optional) | Internal Calibration | Density Determination |

# *OHAUS Jewellery Balance*

## Application Selector

| Jewellery Balance Applications | Jewellery Balance | |
|---|---|---|
| | SJX | PJX |
| Parts Counting | ● | ● |
| Percent Weighing | ● | ● |
| Density Determination | ● | ● |
| Peak Display Hold | ● | |
| Internal Calibration | ● | ● |
| Weigh Below Hook | ● | |
| RS232 Interface | ● | ● |
| USB Interface | ● | ● |
| Auxiliary Display | ● | ● |

● Standard

● Optional

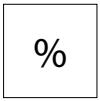
# *OHAUS Jewellery Balance*

## Pioneer® PJX Series

***Modern Compact Jewelry Balances for Accurate Weighing of Precious Metals and Stones***

- Backlit LCD and Auxiliary Display Available for Clear Viewing of Weighing Results.
- Compact Modern Design Fits Right on the Workspace.
- Ideal for Legal-for-Trade Applications with OIML Approvals.
- Equipped with Density Determination Mode for Accurate Pricing.

Parts Counting



Percent Weighing

Density Determination

RS232/ USB Interface (Optional)

Battery Power



Learn More

PJX

| Carat Balances | | | | | |
|---|---|---|---|---|---|
| InCal™ Model | PJX203 | PJX803 | PJX1203 | PJX1603 | PJX2503 |
| ExCal Model | PJX203/E | PJX803/E | PJX1203/E | PJX1603/E | PJX2503/E |
| Capacity (ct) | 200 | 800 | 1200 | 1600 | 2500 |
| Readability (ct) | 0.001 | | | 0.005 | |
| Capacity (g) | 40 | 160 | 240 | 320 | 500 |
| Readability (g) | 0.0001 | | | 0.001 | |
| Repeatability (STDEV) (g) | 0.0001 | | | 0.001 | |
| Linearity (g) | 0.0002 | | | 0.002 | |
| Pan Size | 90 mm | | | 120 mm | |
| Shipping Weight | 7 kg | | | | |
| Shipping Dimensions (W × D × H) | 507 × 387 × 531 mm | | | | |

| Gold Balances | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| InCal™ Model | PJX822 | PJX1602 | PJX2202 | PJX3202 | PJX4202 | PJX5202 | PJX2201 | PJX4201 | PJX6201 |
| ExCal Model | PJX822/E | PJX1602/E | PJX2202/E | PJX3202/E | PJX4202/E | PJX5202/E | PJX2201/E | PJX4201/E | PJX6201/E |
| Capacity (g) | 820 | 1600 | 2200 | 3200 | 4200 | 5200 | 2200 | 4200 | 6200 |
| Readability (g) | 0.01 | | | | | | 0.1 | | |
| Repeatability (STDEV) (g) | 0.01 | | | | | | 0.1 | | |
| Linearity (g) | 0.02 | | | | | | 0.2 | | |
| Pan Size | 180 mm | | | | | | | | |
| Shipping Weight | 5 kg | | | | | | | | |
| Shipping Dimensions (W × D × H) | 550 × 385 × 291 mm | | | | | | | | |

PJX

Learn More

# *OHAUS Jewellery Balance*

## Scout® SJX Series

### *Top-line Legal-for-Trade Portable Balances Ideal for Jewelry Weighing*

- Class II Legal-for-Trade compliant balances are suitable for countertop retail applications. An optional auxiliary display can also be installed. Manual internal settings allow for easy calibration.
- Expanded connectivity options including RS232, USB host, USB device, and ethernet allow for convenient data logging and communication.
- Advanced weighing technology ensures reliable, repeatable weighing results.

Parts Counting

Percent Weighing

Totalization

Weigh Below Hook

Display Hold

RS232/ USB Interface (Optional)

Battery Power

Check-Weighing

Peak Hold

Ethernet Interface (Optional)

Internal Calibration

Density Determination



Learn More

Scout® SJX

Auxiliary display

Security slot

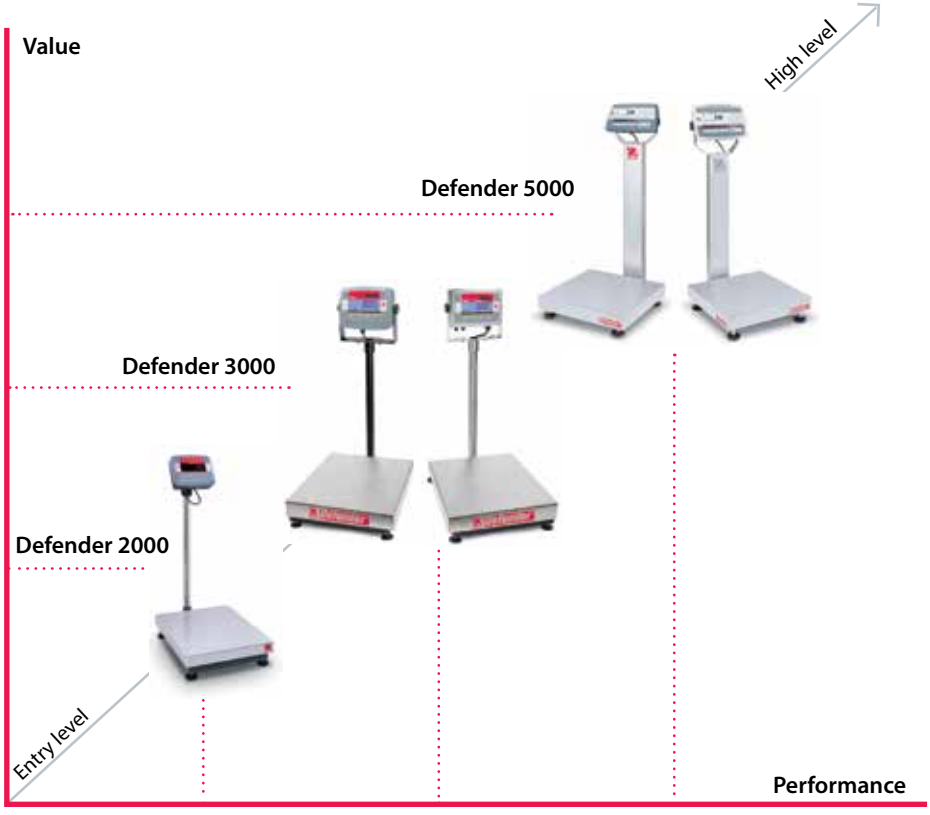
Internal Calibration (SJX)

| Internal Calibration Model | SJX323 | / | SJX622 | SJX1502 | / | / | SJX6201 | / |
|---|---|---|---|---|---|---|---|---|
| External Calibration Model | SJX323/E | SJX322/E | SJX622/E | SJX1502/E | SJX621/E | SJX3201/E | SJX6201/E | SJX8200/E |
| Capacity (g) | 320 ct(64g) | 320 | 620 | 1500 | 620 | 3200 | 6200 | 8200 |
| Readability (g) | 0.005 ct (0.001 g) | 0.01 | | | 0.1 | | | 1 |
| Linearity (g) | 0.003 | 0.01 | 0.02 | 0.03 | 0.1 | | 0.2 | 1 |
| Span Calibration Mass | 50 g | 200 g | 300 g | 1.5 kg | 300 g | 3 kg | 5 kg | 8 kg |
| Pan Size (W × D) | Ø93 mm | Ø120 mm | | 170 × 140 mm | | | | |
| Shipping Dimensions (W × D × H) | 300 x 250 x 129 mm | | | | | | | |
| Shipping Dimensions - SJX/E (W × D × H) | 300 × 250 × 129 mm | 300 × 250 × 86 mm | | | | | | |

Scout® SJX

Learn More

# *OHAUS Bench Scales*




| Parts Counting | Percent Weighing | Check-weighing | Dynamic/ Animal Weighing | Totalization | OIML | Rechargeable Battery | NEMA 4X/ IP65 |
|---|---|---|---|---|---|---|---|
| IP68 (Only for TD52XW) | RS232 (Optional) | RS232 | | | | | |

# *OHAUS Bench Scales*

## Application Selector

| Bench Scales Applications | Bench Scales | | | | |
|---|---|---|---|---|---|
| | D24P | D31P | D32XW | D52P | D52XW |
| Parts Counting | ● | ● | ● | ● | ● |
| Percent Weighing | | | | ● | ● |
| Checkweighing | | | | ● | ● |
| Dynamic/ Display Hold | | | | ● | ● |
| Totalization | ● | | | ● | ● |
| Rechargebale Battery | ● | ● | ● | ● | ● |
| IP68 (Only for TD52XW) | | | | | ● |
| NEMA 4X/IP65 | | | ● | | |
| RS232 | ● | | | ● | ● |
| RS232 | | ● | ● | ● | ● |

● Standard

● Optional

# OHAUS Bench Scales

## DEFENDER® 5000 Series

### *Multifunctional Stainless Steel Washdown Bench Scale for Standard Industrial Applications*

- Indicator Guides The User with On-Screen Prompts.
- Durably Constructed To Withstand Harsh Industrial Environments.
- Multiple Application Modes and High Storage Capacity for Greater Flexibility.
- Multiple Connectivity Options for Convenient Data Transfer and Storage.

### Wash-down Column Mount Bench Scale

| Model | Cap. | Read. |
|---|---|---|
| D52XW6WQDR6 | 3/6 kg | 0.2/0.5 g |
| D52XW15WQRD6 | 6/15 kg | 0.5/1g |
| D52XW15WQRDL7 | | |
| D52XW30QDL7 | 15/30 kg | 1/2 g |
| D52XW60WQDL7 | 30/60 kg | 2/5 g |
| D52XW60WTDL7 | | |
| D52XWT150WTDL7 | 60/150 kg | 5/10 g |
| D52XW60WQDX7 | 30/60 kg | 2/5 g |
| D52XW150WQDX7 | 60/150 kg | 5/10 g |
| D52XW60WQDV8 | 30/60 kg | 2/5 g |
| D52XW150WQDV8 | 60/150 kg | 5/10 g |
| D52XW300WQDV8 | 150/300 kg | 10/20 g |
| D52XW150WTDV8 | 60/150 kg | 5/10 g |
| D52XW300WTDV8 | 150/300 kg | 10/20 g |
| D52XW600WTDV8 | 300/600 kg | 20/50 g |

### Wash-down Front Mount Bench Scale

| Model | Cap. | Read. |
|---|---|---|
| D52XW6WQDR5 | 3/6 kg | 0.2/0.5 g |
| D52XW15WQDR5 | 6/15 kg | 0.5/1 g |
| D52XW15WQDL5 | | |
| D52XW30WQDL5 | 15/30 kg | 1/2 g |
| D52XW60WQDL5 | 30/60 kg | 2/5 g |
| D52XW60WTDL5 | | |
| D52XW60WQDX5 | | |
| D52XW150WTDL5 | 60/150 kg | 5/10 g |
| D52XW150WQDX5 | | |

Parts Counting

Percent Weighing

Dynamic/ Animal Weighing

Check-weighing

IP68



Learn More

D52XW

# *OHAUS Bench Scales*

## DEFENDER® 5000 Series

### *Multifunctional Bench Scale for Standard Industrial Applications*

- Indicator Guides The User with On-Screen Prompts.
- Durably Constructed To Withstand Harsh Industrial Environments.
- Multiple Application Modes and High Storage Capacity for Greater Flexibility.
- Multiple Connectivity Options for Convenient Data Transfer and Storage.

### Column Mount Bench Scale

| Model | Cap. | Read. |
|---|---|---|
| D52P6RQDR1 | 3/6 kg | 0.2/0.5 g |
| D52P15RQDR1 | 6/15 kg | 0.5/1 g |
| D52P15RTDR1 | | |
| D52P30RTDR1 | 15/30 kg | 1/2 g |
| D52P60RTDR1 | 30/60 kg | 2/5 g |
| D52P15RQDRL2 | 6/15 kg | 0.5/1 g |
| D52P30RQDL2 | 15/30 kg | 1/2 g |
| D52P60RQDL2 | 30/60 kg | 2/5 g |
| D52P60RTDL2 | | |
| D52P150RTDL2 | 60/150 kg | 5/10 g |
| D52P150RTDL2 | 30/60 kg | 2/5 g |
| D52P150RQDX2 | 60/150 kg | 5/10 g |
| D52P60RQDV3 | 30/60 kg | 2/5 g |
| D52P150RQDV3 | 60/150 kg | 5/10 g |
| D52P300RQDV3 | 150/300 kg | 10/20 g |
| D52P150RTDV3 | 60/150 kg | 5/10 g |
| D52P300RTDV3 | 150/300 kg | 10/20 g |
| D52P600RTDV3 | 300/600 kg | 20/50 g |

### Front Mount Bench Scale

| Model | Cap. | Read. |
|---|---|---|
| D52P6RQDR5 | 3/6 kg | 0.2/0.5 g |
| D52P15RQDR5 | 6/15 kg | 0.5/1 g |
| D52P15RTDR5 | | |
| D52P30RTDR5 | 15/30 kg | 1/2 g |
| D52P60RTDR5 | 30/60 kg | 2/5 g |
| D52P15RQDL5 | 6/15 kg | 0.5/1 g |
| D52P30RQDL5 | 15/30 kg | 1/2 g |
| D52P60RQDL5 | 30/60 kg | 2/5 g |
| D52P60RTDL5 | | |
| D52P150RTDL5 | 60/150 kg | 5/10 g |
| D52P60RQDX5 | 30/60 kg | 2/5 g |
| D52P150RQDX5 | 60/150 kg | 5/10 g |

Parts Counting

Percent Weighing

Dynamic/ Animal Weighing

Check-weighing

D52P

Learn More

# *OHAUS Bench Scales*

## Defender® 3000 Stainless Steel Series

### *Versatile Bench Scales Meet Basic Industrial Requirements for Washdown Applications*

- IP65 washdowm protection.
- 1:6,000 - 1:7,500 maximum displayed resolution.
- Stainless-steel indicator, column, pan, load cell and base.
- kg, and g with Parts Counting software included.
- Backlit LCD display.
- Internal AC power supply or 58-hour internal rechargeable battery (included).

OIML | Parts Counting | RS232 | NEMA 4X/ IP65 | Rechargeable Battery

| Model | D32XW30VR | D32XW60VR | D32XW60VL | D32XW150VL | D32XW150VX | D32XW300VX |
|---|---|---|---|---|---|---|
| Capacity × Readability | 30 × 0.005 kg | 60 × 0.01 kg | 60 × 0.01 kg | 150 × 0.02 kg | 150 × 0.02 kg | 300 × 0.05 kg |
| Column | 350 mm stainless steel | | 700 mm stainless steel | | | |
| Scale Base Size | 305 × 355 × 123 mm | | 420 × 550 × 136 mm | | 500 × 650 × 147 mm | |



Learn More

D32XW

# *OHAUS Bench Scales*

## DEFENDER® 3000 Bench Scales Series

### *Versatile Bench Scales Meet Basic Industrial Requirements for Dry Applications*

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

OIML | Parts Counting | RS232 | Rechargeable Battery

| Model | D31P30BR | D31P60BR | D31P60BL | D31P150BL | D31P150BX | D31P300BX |
|---|---|---|---|---|---|---|
| Capacity × Readability | 30 × 0.005 kg | 60 × 0.01 kg | 60 × 0.01 kg | 150 × 0.02 kg | 150 × 0.02 kg | 300 × 0.05 kg |
| Column | 350 mm painted steel | | 700 mm painted steel | | | |
| Scale Base Size | 305 × 355 × 123 mm | | 420 × 550 × 136 mm | | 500 × 650 × 147 mm | |

Learn More

D31P

# *OHAUS Bench Scales*

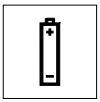
## Defender® 2000 Series

### *Designed for Dependability and Durability at a Practical Price!*

- Sturdy Industrial Design that Can Stand Up to the Rigors of Industrial Weighing.
- Easy-to-Read Red LED Display Can Be Viewed in Even the Dimmest Industrial Conditions.
- Versatile Power Capabilities Provide Unrestricted Operation Wherever Your Weighing Needs Are.

Parts Counting

RS232 (optional)



Rechargeable Battery

Totalization

| Model | D24PE30FR | D24PE60FR | D24PE60FL | D24PE150FL |
|---|---|---|---|---|
| Certified Capacity × Readability | 30 × 0.005 kg | 60 × 0.01 kg | 60 × 0.01 kg | 150 × 0.02 kg |
| Base Construction | Stainless Steel platform, painted carbon steel frame | | | |
| Platform Dimensions (W × D) | 300 × 350 mm | | 400 × 500 mm | |
| Column | 500 mm | | 700 mm | |
| **Model** | **D24PE150FX** | **D24PE300FX** | **D24PE300FV** | **D24PE600FV** |
| Certified Capacity × Readability | 150 × 0.02 kg | 300 × 0.05 kg | 300 × 0.05 kg | 600 × 0.1 kg |
| Base Construction | Stainless Steel platform, painted carbon steel frame | | | |
| Platform Dimensions (W × D) | 500 × 600 mm | | 600 × 800 mm | |
| Column | 700 mm | | 1000 mm | |



Learn More

Defender® 2000

# *OHAUS Floor scales*

## Floor scales VE Series

### *Economical Floor Platform with T31P indicator*

- Economical Floor Platform with T31P indicator.
- High-quality material and construction are designed to minimize distortion under heavy loads.
- Internal rechargeable battery.

OIML

Parts Counting

RS232

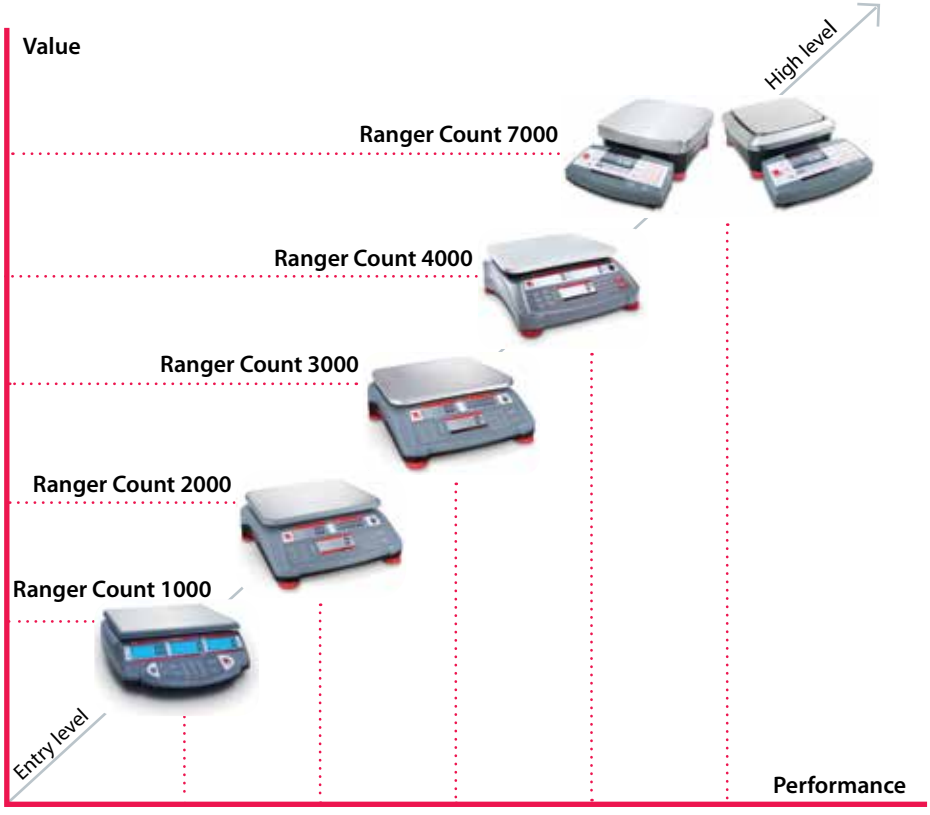
Rechargeable Battery

| Model | VE1500S31P | VE1500R31P | VE1500L31P | VE3000R31P | VE3000L31P |
|---|---|---|---|---|---|
| Capacity × Readability | 1,500 × 0.5 kg | 1,500 × 0.5 kg | 1,500 × 0.5 kg | 3,000 × 1 kg | 3,000 × 1 kg |
| Scale Base Size | 1,000 x 1,000 mm | 1,250 x 1,250 mm | 1,500 x 1,500 mm | 1,250 x 1,250 mm | 1,500 x 1,500 mm |
| Construction | Black painted steel platform | | | | |

VE Series

Learn More

# OHAUS Counting Scale




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Check-weighing | Parts Counting | Percent Weighing | Dynamic/ Animal Weighing | Totalization | Display Hold | Formulation | Filling |

| | | | | | |
|---|---|---|---|---|---|
| RS232 /USB/ Ethernet Optional | RS232 | Density Determination | Rechargeable Battery | Differential Weighing | Sieve Analysis |

# *OHAUS Counting Scale*

## Application Selector

| Counting Scales Applications | Counting Scales | | | | |
|---|---|---|---|---|---|
| | RC 1000 | RC 2000 | RC 3000 | RC 4000 | RC 7000 |
| Checkweighing | ● | ● | ● | ● | ● |
| Parts Counting | ● | ● | ● | ● | ● |
| Percent Weighing | | | | | ● |
| Dynamic/ Animal Weighing | | | | | ● |
| Totalization | ● | ● | ● | ● | ● |
| Display Hold | | | | | ● |
| Formulation | | | | | ● |
| Filling | | | | | ● |
| RS232/USB/Ethernet | | ● | ● | ● | ● |
| RS232 | | ● | ● | ● | ● |
| Density Determination | | | | | ● |
| Rechargeable Battery | ● | ● | ● | ● | ● |
| Differential Weighing | | | | | ● |
| Sieve Analysis | | | | | ● |

● Standard

● Optional

# *OHAUS Counting Scales*

## Ranger® 7000 Series

### *Top-of-the-Line Compact Scales for Even the Most Complex Industrial Applications*

- Simplify complex applications and minimize the need for manual calculations with 10 advanced application modes, peripheral device control and an optional kit for a second scale platform.
- The most precise scale in its class with one-second stabilization time, up to 75,000d or 350,000d display resolution and legal-for-trade certifications.
- Extremely durable scale designed to thrive in rugged industrial environments. Features IP54-rated metal housing and sealed metal terminal.

Check-weighing

Rechargeable Battery

Parts Counting

Dynamic/ Animal Weighing

Totalization

Percent Weighing

Display Hold

RS232

RS232/USB/ Ethernet Optional

Filling

Formulation

Density Determination

| Model | R71MD3 | R71MD6 | R71MD15 | R71MD35 | R71MD60 | R71MHD3 | R71MHD6 | R71MHD15 | R71MHD35 |
|---|---|---|---|---|---|---|---|---|---|
| Capacity | 3kg | 6kg | 15kg | 35kg | 60kg | 3kg | 6kg | 15kg | 35kg |
| Readability | 0.05g | 0.1g | 0.2g | 0.5g | 1g | 0.01g | 0.02g | 0.1g | 0.1g |
| Platform Size | 280 × 280 × 31 mm | | 377 × 311 × 48mm | | | 240 × 240 × 15 mm | | 377 × 311 × 48mm | |



Learn More

Ranger® 7000

# *OHAUS Counting Scales*

## Ranger™ Count 4000 Series

### *Top-of-the-Line Counting Scales for Even the Toughest Industrial Weighing Conditions.*

- Sturdy metal housing and slip-resistant rubber feet provide the protection, stability and long product life needed for tough industrial weighing.
- Accurate weighing and counting performance is assured with 1:1,500,000 internal counting resolution and auto-optimization software that reduces errors.
- Easy-to-operate with SmarText™ software, a centrally located count display and dedicated Sample and Tare keys.

Check-weighing

Rechargeable Battery

Parts Counting

Totalization

RS232

RS232/USB/ Ethernet Optional

| Models | RC41M3 | RC41M6 | RC41M15 | RC41M30 |
|---|---|---|---|---|
| Capacity × Readability | 3 × 0.0001 kg<br>3,000 × 0.1 g | 6 × 0.0002 kg<br>6,000 × 0.2 g | 15 × 0.0005 kg<br>15,000 × 0.5 g | 30 × 0.001 kg<br>30,000 × 1 g |
| Construction | Stainless steel platform, Die cast aluminum housing | | | |
| Application Modes | Weighing, Parts Counting, Checkweighing, Checkcounting, Accumulation | | | |
| Platform Size (W × L) | 300 mm × 225 mm | | | |

Ranger™ Count 4000

Learn More

# OHAUS Counting Scales

## Ranger® Count 3000 Series

### *Reliable Counting Scales to Ensure Accurate Results*

- Internal counting resolution up to 1:1,500,000 d.
- 30-item library.
- 3-window backlit LCD.
- 200-hour battery life.
- Standard RS232, optional 2nd RS232, USB, Ethernet.

Check-weighing

Parts Counting

Totalization

RS232

Rechargeable Battery

RS232/USB/ Ethernet Optional

NTEP Certified (Optional)

| Model | RC31P1502 | RC31P3 | RC31P6 | RC31P15 | RC31P30 |
|---|---|---|---|---|---|
| Default Capacity × Readability | 1.5 kg × 0.00005 kg<br>1500 g × 0.05 g | 3 kg × 0.0001 kg<br>3000 g × 0.1 g | 6 kg × 0.0002 kg<br>6000 g × 0.2 g | 15 kg × 0.0005 kg<br>15000 g × 0.5 g | 30 kg × 0.001 kg<br>30000 g × 1 g |
| Certified Capacity × Readability | 1.5 kg × 0.0005 kg<br>1500 g × 0.5 g | 3 kg × 0.001 kg<br>3000 g × 1 g | 6 kg × 0.002 kg<br>6000 g × 2 g | 15 kg × 0.005 kg<br>15000 g × 5 g | 30 kg × 0.01 kg<br>30000 g × 10 g |
| Construction | ABS housing, stainless steel platform | | | | |
| Application Modes | Weighing, Parts Counting, Checkweighing, Checkcounting, Accumulation | | | | |
| Pan Size (W × L) | 300 mm x 225 mm | | | | |

*Note: Only available in selected region.

## Ranger® Count 2000 Series

### *Effective Counting Scales to Ensure Accurate Results*

- 3-window backlit LCD.
- 1s stabilization time.
- 30-item library.
- 200-hour battery life.
- RS232.

Learn More

Ranger® Count 3000

Ranger® Count 2000

# OHAUS Compact Scales

Check-weighing | Parts Counting | Totalization | RS232 | Rechargeable Battery | RS232/USB/ Ethernet Optional

| Model | RC21P1502 | RC21P3 | RC21P6 | RC21P15 | RC21P30 |
|---|---|---|---|---|---|
| Capacity | 1.5kg | 3kg | 6kg | 15kg | 30kg |
| Readability | 0.00005kg | 0.0001kg | 0.0002kg | 0.0005kg | 0.001kg |
| Platform Size | 225 mm x 300 mm | | | | |

*Note: Only available in selected region.

## Ranger® Count 1000 Series

***Reliability, Portability and Accurate Counting Operations in One Affordable Package!***

- Dedicated Counting Keypad Provides Fast and Simple Operation.
- Average Piece Weight (APW) Memory Speeds Up Counting of Commonly Counted Parts.
- Continual Recalculation of Piece Weight Ensures Counting Accuracy.

Check-weighing | Rechargeable Battery | Parts Counting | Totalization

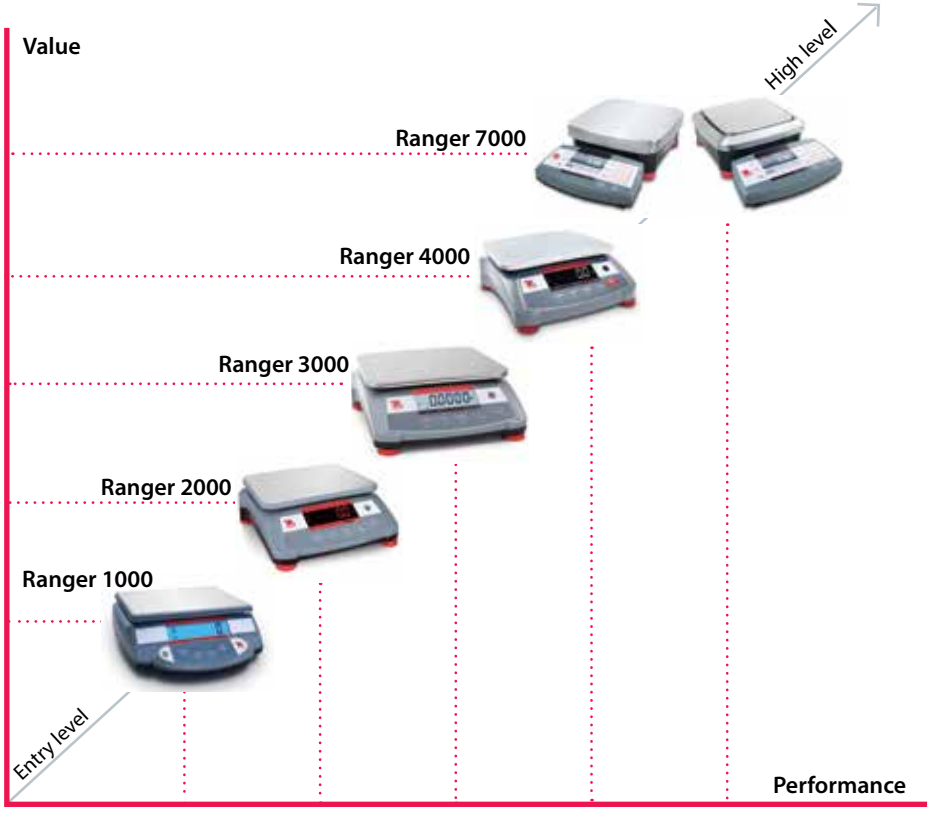
| Models | RC11P3 | RC11P6 | RC11P15 | RC11P30 |
|---|---|---|---|---|
| Default Capacity × Readability | 3000 g × 0.2 g<br>3 kg x 0,0002 kg | 6000 g × 0.5 g<br>6 kg x 0,0005 kg | 15000 g × 1 g<br>15 kg x 0,001 kg | 30000 g × 2 g<br>30 kg x 0,002 kg |
| Construction | Plastic pan with Stainless steel inset, ABS plastic housing | | | |
| Application Modes | Weighing, Counting, Accumulation | | | |
| Pan Size (W × L) | 294 × 226 mm | | | |
| Scale Dimensions (W × L × H) | 325 × 330.5 × 114 mm | | | |

*Note: Only available in selected region.

Ranger® Count 1000

**Learn More**

# *OHAUS Compact Scale*




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Check-weighing | Rechargeable Battery | Parts Counting | Dynamic/ Animal Weighing | Totalization | Percent Weighing | Display Hold | RS232 |

| | | | | | |
|---|---|---|---|---|---|
| RS232 /USB/ Ethernet Optional | Filling | Formulation | Density Determination | Differential Weighing | Sieve Analysis |

# *OHAUS Compact Scale*

## Application Selector

| Compact Scale Applications | Compact Scale | | | | |
|---|---|---|---|---|---|
| | R 1000 | R 2000 | R 3000 | R 4000 | R7000 |
| Checkweighing | ● | ● | ● | ● | ● |
| Parts Counting | ● | ● | ● | ● | ● |
| Percent Weighing | | ● | ● | ● | ● |
| Dynamic/ Animal Weighing | | | | | ● |
| Totalization | ● | ● | ● | ● | ● |
| Display Hold | | ● | ● | ● | ● |
| Formulation | | | | | ● |
| Filling | | | | | ● |
| RS232/USB/Ethernet | | ● | ● | ● | ● |
| RS232 | | ● | ● | ● | ● |
| Density Determination | | | | | ● |
| Rechargeable Battery | ● | ● | ● | ● | ● |
| Differential Weighing | | | | | ● |
| Sieve Analysis | | | | | ● |

● Standard

● Optional

# *OHAUS Compact Scales*

## Ranger™ 4000 Series

### *Durable Compact Scales for the Toughest Industrial Weighing Environments*

- Sturdy metal housing and slip-resistant rubber feet provide the protection, stability and long product life needed for tough industrial weighing.
- The most user-friendly scale on the market features Smart Text™ for easy operation and setup to ensure efficiency in the workplace.
- With the largest display in its class, checkweighing LED indicators and backlit LCD display, the Ranger 4000 can function in almost any industrial environment.

Check-weighing

Rechargeable Battery

Parts Counting

Dynamic/ Animal Weighing

Totalization

Percent Weighing

Display Hold

RS232

RS232/USB/ Ethernet Optional

| Models | R41ME3 | R41ME6 | R41ME15 | R41ME30 |
|---|---|---|---|---|
| Capacity (max) × Readability (d) | 3 × 0.0001 kg<br>3,000 × 0.1 g | 6 × 0.0002 kg<br>6,000 × 0.2 g | 15 × 0.0005 kg<br>15,000 × 0.5 g | 30 × 0.001 kg<br>30,000 × 1 g |
| Construction | Stainless steel platform, Die cast aluminum housing | | | |
| Application Modes | Weighing, Percent Weighing, Parts Counting, Checkweighing, Checkcounting, Checkpercent, Accumulation, Dynamic Weighing/Display Hold | | | |
| Platform Size (W × L) | 300 mm × 225 mm | | | |
| Scale Dimensions (W × L × H) | 315 × 327 × 122 mm | | | |



Learn More

Ranger™ 4000

# OHAUS Compact Scales

## Ranger® 3000 Series

### *Multi-Purpose Compact Bench Scales for Industrial Weighing Applications*

- With the largest display in its class, check-weighing LED indicators and backlit LCD display, the Ranger 3000 can function in any industrial environment.
- User-friendly scale with easy setup to ensure efficiency in the workplace.
- Eliminate waiting time and increase control of your operation with accurate one-second results.

Check-weighing | Rechargeable Battery | Parts Counting | Dynamic/ Animal Weighing | Totalization | Percent Weighing | Display Hold | RS232

RS232/USB/ Ethernet Optional | OIML | NSF Listed

| Model | R31P1502 | R31P3 | R31P6 | R31P15 | R31P30 |
|---|---|---|---|---|---|
| Default Capacity × Readability | 1.5 kg × 0.00005 kg<br>1500 g × 0.05 g | 3 kg × 0.0001 kg<br>3000 g × 0.1 g | 6 kg × 0.0002 kg<br>6000 g × 0.2 g | 15 kg × 0.0005 kg<br>15000 g × 0.5 g | 30 kg × 0.001 kg<br>30000 g × 1 g |
| **Certified Model** | **R31P1502-M** | **R31P3-M** | **R31P6-M** | **R31P15-M** | **R31P30-M** |
| Certified Capacity × Readability | 1.5 kg × 0.0005 kg<br>1500 g × 0.5 g | 3 kg × 0.001 kg<br>3000 g × 1 g | 6 kg × 0.002 kg<br>6000 g × 2 g | 15 kg × 0.005 kg<br>15000 g × 5 g | 30 kg × 0.01 kg<br>30000 g × 10 g |
| Maximum Displayed Resolution | 1: 30000 | | | | |
| Construction | ABS housing, stainless steel platform | | | | |
| Application Modes | Weighing, Percent Weighing, Parts Counting, Checkweighing, Checkcounting, Checkpercent, Accumulation, Dynamic Weighing/Display Hold | | | | |
| Pan Size (W × L) | 300 mm x 225 mm | | | | |

*Note: Only available in selected region.

Ranger® 3000

Learn More

# *OHAUS Compact Scales*

## Ranger™ 2000 Series

### *Effective Compact Bench Scales for Industrial Weighing Applications*

- With checkweighing LED indicators and the largest in its class red LED display, the Ranger 2000 is operational even in dim lighting conditions.
- User-friendly scale with easy setup to ensure efficiency in the workplace.
- Eliminate waiting time and increase control of your operation with accurate one-second results.

Check-weighing | Rechargeable Battery | Parts Counting | Dynamic/ Animal Weighing | Totalization | Percent Weighing | Display Hold

RS232 | RS232/USB/ Ethernet Optional

| Model | R21PE1502 | R21PE3 | R21PE6 | R21PE15 | R21PE30 |
|---|---|---|---|---|---|
| Capacity | 1.5kg | 3kg | 6kg | 15kg | 30kg |
| Readability | 0.05g | 0.1g | 0.2g | 0.5g | 1g |
| Platform Size | 225 mm x 300 mm | 225 mm x 300 mm | 225 mm x 300 mm | 225 mm x 300 mm | 225 mm x 300 mm |

*Note: Only available in selected region.



Learn More

Ranger™ 2000

# *OHAUS Compact Scales*

## Ranger® 1000 Series

### *Affordable Compact Bench Scales for Industrial Weighing Applications*

- The 15,000 Displayed Resolution Ensures Accuracy of Results.
- The Sturdy Stainless Steel Platform Provides Support for Tough Benchtop Weighing.
- Rechargeable Battery and Automatic Shut-Off Ensure Long-Lasting Operation.

Check-weighing

Rechargeable Battery

Totalization

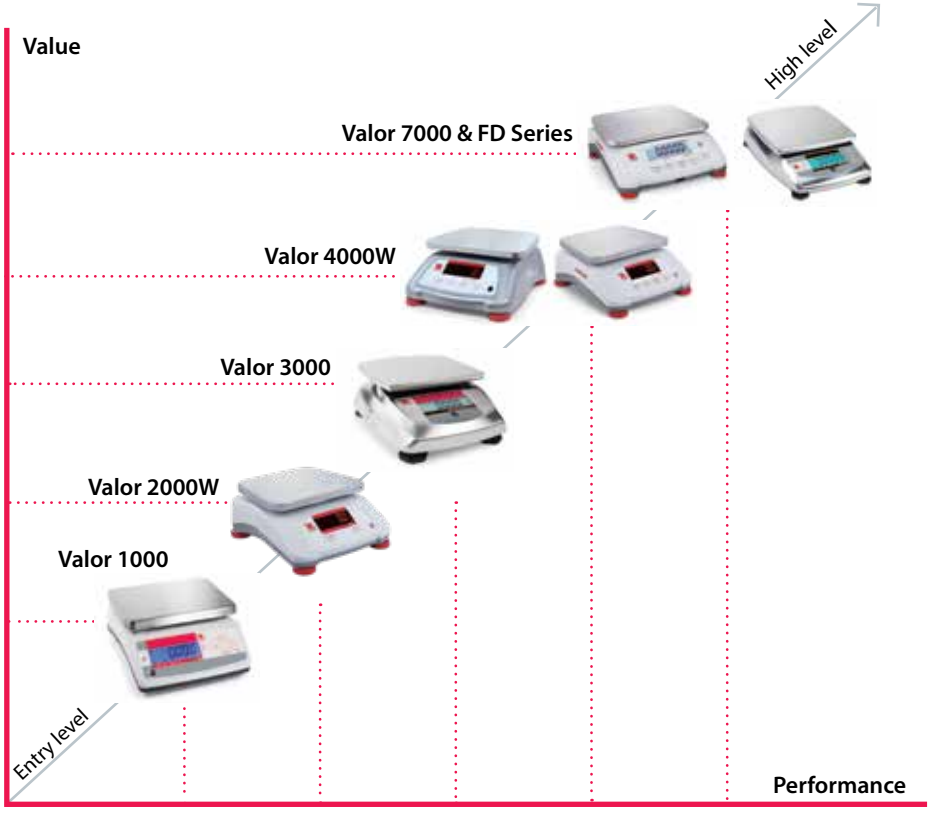
| Models | R11P3 | R11 P6 | R11P15 | R11P30 |
|---|---|---|---|---|
| Default Capacity × Readability | 3000 g × 0.2 g<br>3 kg x 0,0002 kg | 6000 g × 0.5 g<br>6 kg x 0,0005 kg | 15000 g × 1 g<br>15 kg x 0,001 kg | 30000 g × 2 g<br>30 kg x 0,002 kg |
| Construction | Plastic pan with Stainless steel inset, ABS plastic housing | | | |
| Application Modes | Weighing, Accumulation | | | |
| Pan Size (W × L) | 294 × 226 mm | | | |
| Scale Dimensions (W × L × H) | 325 × 330.5 × 114 mm | | | |

*Note: Only available in selected region.

Ranger® 1000

Learn More

# *OHAUS Food Scales*




OIML
NSF Listed
USDA-AMS Accepted
Percent Weighing
Check-weighing
Rechargeable Battery
RS232
Totalization

NEMA 4/IPX8 Washdown

# *OHAUS Food Scales*

## Application Selector

| Food Scale Applications | Food Scale | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | V11P | V22XW | V22PW | V31 | V41PW | V41XW | FD | V71 |
| Percent Weighing | | ● | ● | ● | ● | ● | ● | ● |
| Check-weighing | ● | | | | ● | ● | ● | ● |
| Rechargeable Battery | ● | ● | ● | | ● | ● | ● | ● |
| RS232 | | | | | | | | ● |
| Totalization | ● | | | | ● | ● | | |
| NEMA 4/IPX8 Washdown | | ● | | | | ● | | |

● Standard

● Optional

# *OHAUS Food Scales*

## Valor® 7000 Series

### *Greatly Improve Productivity and Handle Demanding Applications With This Adaptable Multi-Functional Food Scale*

- Food-safe Valor 7000 is NSF-certified, USDA-AMS accepted, and supports HACCP-certified systems -- suitable for food applications in dry areas.
- Large displays with backlight allow for easy viewing of results. Easy access communication ports for fast and useful data transfer and storage.
- Valor 7000 produces repeatable and accurate results within less than one second to virtually eliminate your wait time and improve productivity.

OIML | NSF Listed | USDA-AMS Accepted | Percent Weighing | Check-weighing | Rechargeable Battery | RS232

| Model | V71P1502T | V71P3T | V71P6T | V71P15T | V71P30T |
|---|---|---|---|---|---|
| Capacity | 1.5 kg | 3 kg | 6 kg | 15kg | 30kg |
| Readability | 0.05 g | 0.1 g | 0.2 g | 0.5 g | 1 g |
| Certified Readability | 0.5 g | 1g | 2g | 5g | 10g |
| Platform Size | 225 x 300 mm | 225 x 300 mm | 225 x 300 mm | 225 x 300 mm | 225 x 300 mm |



Learn More

Valor® 7000

# *OHAUS Food Scales*

## FD Series

### *Speed, Durability and Cleanliness Designed for Food Service Use*

- All stainless steel construction is NSF certified, USDA-AMS accepted and supports HACCP compliance.
- Software for weighing, percent weighing and checkweighing with bright LED indicators.
- 120-hour internal rechargeable battery and optional foot tare switch.

OIML | NSF Listed | USDA-AMS Accepted | Percent Weighing | Check-weighing | Rechargeable Battery

| Model | FD3H | FD6H | FD15H |
|---|---|---|---|
| Capacity × Readability | 3 × 0.0001 kg<br>3,000 × 0.1 g | 6 × 0.0002 kg<br>6,000 × 0.2 g | 15 × 0.001 kg<br>15,000 × 1 g |
| Platform Size | 209 × 209 mm | | |

## *LEGAL FOR TRADE MODELS*

| Model | | FD3 | FD6 | FD15 |
|---|---|---|---|---|
| Capacity × Readability | Default | 3 × 0.0005 kg<br>3,000 × 0.5 g | 6 × 0.001 kg<br>6,000 × 1 g | 15 × 0.002 kg<br>15,000 × 2 g |
| | Certified / Approved | 3,000 × 1 g | 6,000 × 2 g | 15,000 × 5 g |
| Platform Size | | 209 × 209 mm | | |

Optional Carrying Case, (Model 80251394)

# *OHAUS Food Scales*

## Valor® 4000 Series

### *High-Performance, Legal-for-Trade Food Scale Perfect for Harsh, Wet Workplace Conditions*

Plastic Housing

Stainless Steel Housing

- Food-safe Valor 4000 is NSF-certified, USDA-AMS accepted, and supports HACCP-certified systems, making it suitable demanding food processing applications.
- Increase productivity with its touchless Tare sensor, half-second stabilization time, checkweighing mode and LEDs, and percent weighing mode.
- Unique knife-resistant keypad and IP68 protection ensures durability and safe operation in wet conditions.

OIML

NSF Listed

Totalization

Percent Weighing

Check-weighing

Rechargeable Battery

| Model | V41PWE1501T<br>V41XWE1501T | V41PWE3T<br>V41XWE3T | V41PWE6T<br>V41XWE6T | V41PWE15T<br>V41XWE15T |
|---|---|---|---|---|
| Capacity × Readability | 1.5 × 0.0002 kg<br>1500 × 0.2 g | 3 × 0.0005 kg<br>3000 × 0.5 g | 6 × 0.001 kg<br>6000 × 1 g | 15 × 0.002 kg<br>15000 × 2 g |
| Maximum Displayed Resolution (d) | 1: 7500 | 1: 6000 | | 1: 7500 |
| **Model** | **V41PWE1501T-M<br>V41XWE1501T-M** | **V41PWE3T-M<br>V41XWE3T-M** | **V41PWE6T-M<br>V41XWE6T-M** | **V41PWE15T-M<br>V41XWE15T-M** |
| Certified Capacity × Readability | 1.5 kg × 0.0005 kg<br>1500 g × 0.5 g | 3 kg × 0.001 kg<br>3000 g × 1 g | 6 kg × 0.002 kg<br>6000 g × 2 g | 15 kg × 0.005 kg<br>15000 g × 5 g |
| Certified Resolution | 1: 3000 | | | |
| Safe Overload | Capacity 150% of capacity | | | |
| Construction | V41PW: Stainless steel platform, ABS housing<br>V41XW: Stainless steel top housing and platform, ABS bottom housing | | | |
| Ingress Protection | IP68 Protection | | | |
| Platform Size | 190 x 242 mm | | | |

*Note: Only available in selected region.



Learn More

Valor® 4000

# *OHAUS Food Scales*

## Valor® 3000 Series

### *Rugged, Full Stainless Steel Design In A High Performance, Easy-To-Use, Portable Scale.*

- High resolution models available!
- NEMA 4x/IP65 models available! (V31xxXW model).
- NSF Certified, USDA-AMS Accepted, supports HACCP-Certified systems.

| Model | V31XH202 | V31XH402 | V31XH2 | V31XH4 | V31X501 | V31X3 | V31X6 | V31XW301 | V31XW3 | V31XW6 |
|---|---|---|---|---|---|---|---|---|---|---|
| Capacity (g) | 200 | 400 | 2000 | 4000 | 500 | 3000 | 6000 | 300 | 3000 | 6000 |
| Readability (g) | 0.01 | 0.01 | 0.1 | 0.1 | 0.1 | 1 | 1 | 0.1 | 0.5 | 1 |
| Platform Size | 120 mm dia. | | 146 × 158 mm | | 120 mm dia. | 146 × 158 mm | | | | |

## Valor® 2000 Series

### *High-Performance Food Scale Suitable for Harsh, Wet Workplace Conditions*

- The sturdy polycarbonate keypad offers protection from knives and other sharp instruments used in food preparation, processing and portioning applications.
- A unique IP68 flow-thru design ensures that the NSF-certified Valor 2000 will drain moisture in the scale when used in wet conditions.
- Stabilization time is less than a half-second. Large front and rear LED displays allow for easy viewing so two operators can share one scale.

NSF Listed | USDA-AMS Accepted | NEMA 4/IPX8 Washdown | Rechargeable Battery

Learn More

Valor® 3000 | Valor® 2000

# *OHAUS Food Scales*

## Valor® 2000 Series

***Specifications***

| Model | V22PWE1501 | V22PWE3 | V22PWE6 | V22PWE15 | V22PWE30 |
|---|---|---|---|---|---|
| | V22PWE1501T | V22PWE3T | V22PWE6T | V22PWE15T | V22PWE30T |
| | V22XWE1501T | V22XWE3T | V22XWE6T | V22XWE15T | V22XWE30T |
| Capacity × Readability | 1.5 × 0.0002 kg<br>1500 × 0.2 g | 3 × 0.0005 kg<br>3000 × 0.5 g | 6 × 0.001 kg<br>6000 × 1 g | 15 × 0.002 kg<br>15000 × 2 g | 30 × 0.005 kg<br>30000 g × 5 g |
| Maximum Resolution | 1: 6000 / 1: 7500 | | | | |
| Weighing Units | V22PW: g / lb **<br>V22XW: g, kg, lb, oz, lb: oz | | | | |
| Application Modes | V22PW: Weighing<br>V22XW: Weighing, Checkweighing | | | | |
| Display | 7 segment, 6 digit, 20.5 mm high red LED, dual display | | | | |
| Tare Range | To capacity by subtraction | | | | |
| Stabilization Time | ≤ 0.5 second | | | | |
| Overload Capacity | 150% of capacity | | | | |
| Operating Temperature Range | -10 °C to 40 °C, 10% to 90% relative humidity non-condensing | | | | |
| Construction | V22PW: Stainless steel platform, ABS housing<br>V22XW: Stainless steel platform and housing | | | | |
| Power | 12V DC 0.84A, AC Universal adapter (100 - 220V AC / 50 - 60 Hz ) included | | | | |
| Battery Life | Internal rechargeable sealed - acid battery with 50 hours continuous use | | | | |
| Ingress Protection | IPX8 Water in water out | | | | |
| Platform Size | 190 x 242 mm | | | | |
| Scale Dimensions ( W x D x H ) | V22PW: 280 x 256 x 121 mm<br>V22XW: 288 x 256 x 124 mm | | | | |

Learn More

Valor® 2000

# *OHAUS Food Scales*

## Valor® 1000 Series

### *Economical, Multipurpose Weighing In A Compact Scale*

- NSF Certified, supports HACCP-Certified systems.
- 4 keys for intuitive use.
- 80-hour internal rechargeable battery.

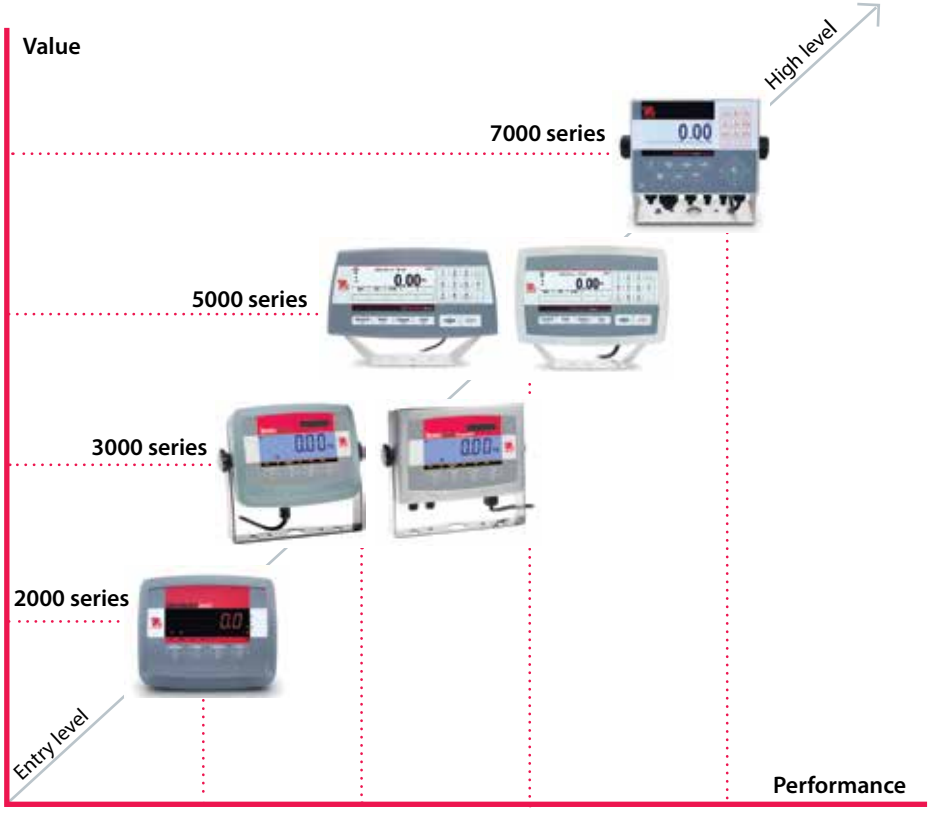
NSF Listed | Check-weighing | Totalization | Rechargeable Battery

| Single Display Model | V11P3 | V11P6 | V11P15 | V11P30 |
|---|---|---|---|---|
| Dual Display Model | V11P3T | V11P6T | V11P15T | V11P30T |
| Capacity × Readability | 3 × 0.0005 kg<br>3,000 × 0.5 g | 6 × 0.001 kg<br>6,000 × 1 g | 15 × 0.002 kg<br>15,000 × 2 g | 30 × 0.005 kg<br>30,000 × 5 g |
| Pan Size | 250 × 180 mm | | | |

Valor® 1000

Learn More

# *OHAUS Indicator*




OIML

Display Hold

Parts Counting

Dynamic/ Animal Weighing

Check-weighing

GMP/GLP

Totalization

Percent Weighing

RS422/ RS485 (Optional)

RS232

NEMA 4X IP65 (T32XW models)

NEMA 4X IP66

IP68 (Only for TD52XW)

Rechargeable Battery

# *OHAUS Indicator*

## Application Selector

| Indicator Applications | Indicator | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | T24P | T32ME | T32MC | T31P | T32XW | TD52P | TD52XW | T72XW |
| Parts Counting | ● | ● | ● | ● | ● | ● | ● | ● |
| Dynamic/ Display Hold | | ● | ● | | | ● | ● | ● |
| Check-weighing | | ● | ● | | | ● | ● | ● |
| GMP/GLP | | | | | | ● | ● | ● |
| Totalization | ● | ● | ● | | | ● | ● | |
| Percent Weighing | | | | | | ● | ● | |
| RS232 ×2 | ● | | | | | ● | ● | ● |
| RS422/RS485 | | | | | | ● | ● | ● |
| RS232 | | ● | ● | ● | ● | ● | ● | ● |
| NEMA 4X IP65 (T32XW models) | | | | | ● | | | |
| NEMA 4X IP66 | | | | | | | | ● |
| IP68 (Only for TD52XW) | | | | | | | ● | |
| Rechargeable Battery | ● | | | ● | ● | ● | ● | |

● Standard

● Optional

# OHAUS Indicators

## T72XW

### *Advanced Performance Stainless Steel Indicator with External Device Control Capabilities*

- With a 50,000 displayed resolution and the ability to support up to 10 load cells.
- Two available option slots enable a wide range of connectivity interfaces.
- Easy to set up and navigate, a vivid graphic display with on-screen prompts and an alphanumeric keypad with designated keys for common functions.
- Print templates with customization options, report view and print modes, diagnostic and maintenance modes and password protection.

OIML

RS232

Parts Counting

Dynamic/ Animal Weighing

Check-weighing

GMP/GLP

NEMA 4X IP66

RS232

RS232 ×2 (Optional)

RS232

RS422/ RS485 (Optional)

| Model | T72XW |
|---|---|
| Capacity Range | 1 to 998000 (t, kg, g or lb) |
| Max. Displayed Resolution | 1:50,000 |
| Maximum Counting Resolution | 1:6,000 |
| Interface | RS232 (included), SD card (included), Ethernet (optional) , USB with Discrete I/O (optional), Second RS232/RS485 (optional) |
| Keypad | 8 function, 4 navigation, 12 alpha numeric membrane switches |



Learn More

T72XW Indicator

# *OHAUS Indicators*

## DEFENDER® 5000 - INDICATORS

### *Multifunctional Indicator for Standard Industrial Applications*

- Indicator Guides The User with On-Screen Prompts.
- Multiple Connectivity Options for Convenient Data Transfer and Storage.
- Multiple Application Modes and High Storage Capacity for Greater Flexibility.
- Install Easily with the 'EasyConnect' Feature.

TD52XW Indicator

TD52P Indicator

Parts Counting

Percent Weighing

Dynamic/ Animal Weighing

Check-weighing

IP68 (Only for TD52XW)

| Model | TD52P | TD52XW |
|---|---|---|
| Construction | ABS plastic, powder-coated steel bracket | 304 stainless steel with sand blasted surface treatment, stainless steel bracket |
| A/D Conversion Rate | 80 Hz | |
| Capacity Selections | 999,999 with decimal located to five places | |
| Maximum Display Resolution | 1:75,000 | |
| Maximum Approved Resolution | 1:10,000 (EC, OIML & NTEP/Measurement Canada) Class III or 2 × 3000e @ 0.8 µV/e (EC, OIML) | |
| Zeroing Range | 2% or 100% of capacity | |
| Calibration | Zero, Span or 3-point Linear | |
| Span Calibration | 1 kg or 1 lb to capacity | |
| Internal Resolution | 1,137,000 counts per mV/V | |

Learn More

TD52P Indicator

TD52XW Indicator

# *OHAUS Indicators*

## 3000 SERIES - INDICATORS

### *Basic Industrial Indicator*

T32XW Indicator

- NEMA 4X/IP65 stainless steel with hinged front cover for easy servicing.
- Intuitive usageg.
- Internal rechargeable battery.

T31P Indicator

- Reversible rear cover for cable exit above or below the indicator housing.
- Intuitive usageg.
- Internal rechargeable battery.

OIML | Parts Counting | RS232 | Rechargeable Battery | NEMA 4X IP65 (T32XW models)

| Model | T31P | T32XW |
|---|---|---|
| Capacity Range | 5 to 20,000 lb or kg | |
| Maximum Displayed Resolution | 1:20,000 | |
| Certified /Approved Resolution | 1:6,000 | |
| Auto-Zero Tracking Capture Range | Off, 0.5, 1 or 3 Divisions | |
| Zeroing Range | 2% or 100% of Capacity | |
| Span Calibration | 5 kg or 5 lb to 100% Capacity | |
| Keypad | 4-button mechanical switches, raised tactile keys | 4-button membrane switch, raised tactile keys |



Learn More

T32XW Indicator

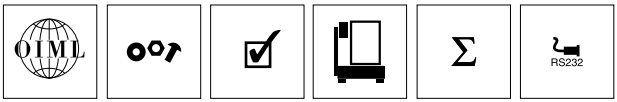
T31P Indicator

# *OHAUS Indicators*

## T32M - INDICATORS

### *3000 Series Metal Indicators*

- Painted steel housing with high-impact ABS faceplate.
- RS232 and software for weighing, simple parts counting, basic checkweighing, display hold and accumulation of weight results.
- Adjustable filtering levels to meet the requirements of industrial environments.




OIML | Parts Counting | Check-weighing | Display Hold | Totalization | RS232 Interface

T32MC Indicator (LCD version)

T32ME Indicator (LED version)

| Model | T32MC | T32ME |
|---|---|---|
| Capacity Range | 5 to 20,000 lb or kg | |
| Maximum Displayed Resolution | 1:20,000 | |
| Certified / Approved Resolution | 1:6,000 | |
| Zeroing Range | 2% or 100% of Capacity | |
| Span Calibration | 5 kg or 5 lb to 100% Capacity | |
| Keypad | 4 function mechanical switches, raised tactile keys | |

## T24P - INDICATORS

### *Designed for Dependability and Durability at a Practical Price!*

- More applications, basic weighing, parts counting and accumulation functions.
- Easy-to-Read Red LED Display.
- Universal adaptor (supplied) or internal rechargeable battery.

| Model | T24P |
|---|---|
| Capacity Range | Up to 20000 kg |
| Maximum Displayed Resolution | 1: 20,000 |
| Zeroing Range | 2% or 100% of full scale Capacity |
| Keypad | 4 function mechanical keys, raised, tactile |

Learn More

TD32M Indicator

T24P Indicator

# OHAUS Bench Scale Bases

## DEFENDER® 5000 Bases

### *Durable Bases for the Most Demanding of Industrial Applications*

- Durably Constructed To Withstand Harsh Industrial Environments.
- Install Easily with the EasyConnect™ Feature.
- Backed by Global Approvals for Legal-for-Trade Applications.

### Painted Bench Scale Base

| Model | Cap. | Read. | Platform Size |
|---|---|---|---|
| D6RQDR | 3/6 kg | 0.2/0.5 g | 305 X 305 mm |
| D15RQDR | 6/15 kg | 0.5/1 g | |
| D15RTDR | | | 355 X 305 mm |
| D30RTDR | 15/30 kg | 1/2 g | |
| D60RTDR | 30/60 kg | 2/5 g | |
| D15RQDL | 6/15 kg | 0.5/1 g | 400 X 400 mm |
| D30RQDL | 15/30 kg | 1/2 g | 400 X 400 mm |
| D60RQDL | 30/60 kg | 2/5 g | |
| D60RTDL | | | 500 X 400 mm |
| D150RTDL | 60/150 kg | 5/10 g | |
| D60RQDX | 30/60 kg | 2/5 g | 500 X 500 mm |
| D150RQDX | 60/150 kg | 5/10 g | |
| D60RQDV | 30/60 kg | 2/5 g | 610 X 610 mm |
| D150RQDV | 60/150 kg | 5/10 g | |
| D300RQDV | 150/300 kg | 10/20 g | |
| D150RTDV | 60/150 kg | 5/10 g | 800 X 600 mm |
| D300RTDV | 150/300 kg | 10/20 g | |
| D600RTDV | 300/600 kg | 20/50 g | |

*Detail information please kindly refer to product catalog.

Standard Bases

### Wash-down Bench Scale Base

| Model | Cap. | Read. | Platform Size |
|---|---|---|---|
| D6WQRD | 3/6 kg | 0.2/0.5 g | 305 X 305 mm |
| D15WQDR | 6/15 kg | 0.5/1 g | |
| D15WQDL | | | 400 X 400 mm |
| D30WQDL | 15/30 kg | 1/2 g | |
| D60WQDL | 30/60 kg | 2/5 g | |
| D60WTDL | | | 500 X 400 mm |
| D150WTDL | 60/150 kg | 5/10 g | |
| D60WQDX | 30/60 kg | 2/5 g | 500 X 500 mm |
| D150WQDX | 60/150 kg | 5/10 g | |
| D60WQDV | 30/60 kg | 2/5 g | 610 X 610 mm |
| D150WQDV | 60/150 kg | 5/10 g | |
| D300WQDV | 150/300 kg | 10/20 g | |
| D150WTDV | 60/150 kg | 5/10 g | 800 X 600 mm |
| D300WTDV | 150/300 kg | 10/20 g | |
| D600WTDV | 300/600 kg | 20/50 g | |

*Detail information please kindly refer to product catalog.

Wash-down Bases



Learn More

D52XW

D52P

# *OHAUS Bench Scale Bases*

## Defender® B Series Bases

### *The Best Base For Basic Industrial Needs*

- Sturdy tubular platform design with high quality 304 stainless steel platform.
- IP67 aluminum load cell.
- Externally visible level bubble and adjustable non-slip leveling feet.

## Painted Bench Scale Base

| Model | Cap. | Read. | Cert. Read. | Platform Size |
|---|---|---|---|---|
| D15BR | 15 kg | 2 g | 5 g | 355 x 305 mm |
| D30BR | 30 kg | 5 g | 10 g | 355 x 305 mm |
| D60BR | 60 kg | 10 g | 20 g | 355 x 305 mm |
| D60BL | 60 kg | 10 g | 20 g | 550 x 420 mm |
| D150BL | 150 kg | 20 g | 50 g | 550 x 420 mm |
| D150BX | 150 kg | 20 g | 50 g | 650 x 500 mm |
| D300BX | 300 kg | 50 g | 100 g | 650 x 500 mm |

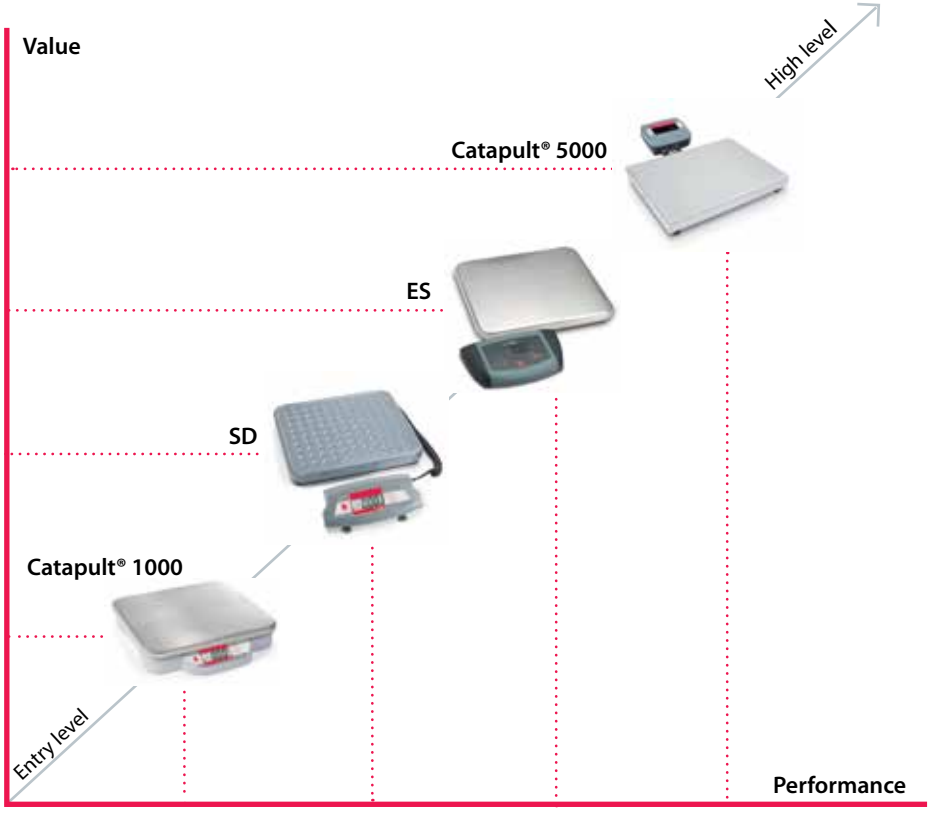
## Wash-down Bench Scale Base

| Model | Cap. | Read. | Cert. Read. | Platform Size |
|---|---|---|---|---|
| D15VR | 15 kg | 2 g | 5 g | 355 x 305 mm |
| D30VR | 30 kg | 5 g | 10 g | 355 x 305 mm |
| D60VR | 60 kg | 10 g | 20 g | 355 x 305 mm |
| D60VL | 60 kg | 10 g | 20 g | 550 x 420 mm |
| D150VL | 150 kg | 20 g | 50 g | 550 x 420 mm |
| D150VX | 150 kg | 20 g | 50 g | 650 x 500 mm |
| D300VX | 300 kg | 50 g | 100 g | 650 x 500 mm |

Defender® B Series Bases

Learn More

# *OHAUS Shipping Scales*




| Dynamic/ Animal Weighing | Totalization | Display Hold | |
|---|---|---|---|

# *OHAUS Shipping Scales*

## Application Selector

| Shipping Scales Applications | Shipping Scales | | | |
|---|---|---|---|---|
| | Catapult® 1000 | SD | ES | Catapult® 5000 |
| Dynamic/Animal Weighing | ● | ● | ● | ● |
| Totalization | | | ● | ● |
| Display Hold | ● | ● | ● | ● |
| Rechargeable Battery | ● | ● | | |

● Standard

● Optional

# OHAUS Shipping Scales

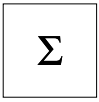
## Catapult® 5000

### *The Heavy-Duty Shipping Scale that Combines Utility and Economy*

- The Heavy-Duty Platform Accommodates both Large and Small Packages of Varying Shapes.
- The Bright LED Display Enables the Scale to be Used in Any Lighting Condition.
- Versatile Data Transfer and Power Options Enhance Operation.

Dynamic/ Animal Weighing

Display Hold




Totalization

| Model | C51XE 6R | C51XE 30R | C51XE 50R | C51XE 200R | C51XE 30L | C51XE 50L | C51XE 100L | C51XE 200L | C51XE 30X | C51XE 50X | C51XE 100X | C51XE 200X |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Capacity × Readability (d) kg | 6 × 0.002 | 30 × 0.01 | 50 × 0.02 | 200 × 0.1 | 30 × 0.01 | 50 × 0.02 | 100 × 0.05 | 200 × 0.1 | 30 × 0.01 | 50 × 0.02 | 100 × 0.05 | 200 × 0.1 |
| Recommended Display Resolution | 1:3000 | | 1:2500 | 1:2000 | 1:3000 | 1:2500 | 1:2000 | | 1:3000 | 1:2500 | 1:2000 | |
| Weighing Units | kg, g, lb | | | | | | | | | | | |
| Display | 6-digit, 7-segment red LED, 20 mm high digits | | | | | | | | | | | |
| Keyboard | Four tactile mechanical keys | | | | | | | | | | | |
| Application Modes | Weighing, Dynamic/Display Hold, Accumulation | | | | | | | | | | | |
| Battery Life | 72 hours of continuous use with a 12-hour recharge time | | | | | | | | | | | |
| Calibration | User-selectable digital external span calibration (5 kg to 100% capacity) | | | | | | | | | | | |



Learn More

Catapult® 5000

# *OHAUS Shipping Scales*

## ES Series

### *Multipurpose Low Profile Bench Scale*

- 1:2,000–1:3,000 maximum displayed resolution.
- kg, lb, oz or lb:oz*.
- AC power adapter or 6 "AA" cell battery power.
- Stainless steel platform/painted steel frame, ABS indicator.

| Model | ES6R | ES30R | ES50R | ES50L | ES100L | ES200L |
|---|---|---|---|---|---|---|
| Capacity × Readability | 6 × 0.002 kg | 30 × 0.01 kg | 50 × 0.02 kg | 50 × 0.02 kg | 100 × 0.05 kg | 200 × 0.1 kg |
| Typical Battery Life | Up to 120 hours / 30 hours of continuous use | | | | | |
| Weighing Units | kg, lb, oz, lb:oz | | | | | kg, lb, oz |
| Scale Base Size | 31 × 27 × 4 cm | | | 52 × 40 × 7.5 cm | | |
| Indicator Stand | 10 cm | | | | | |

# *OHAUS Shipping Scales*

## SD Series

### *Rugged Economical Shipping Scales*

- 1:1,750-1:2,000 maximum displayed resolution.
- Painted steel platform with painted steel platform and ABS plastic indicator.
- lb or kg units with modes for Dynamic Weighing and Display Hold.
- AC power adapter (included) or 4 "C" cell battery power (not included).
- Universal table/wall mounting brackets included.

Battery Power

Dynamic/ Animal Weighing

Display Hold

| Model | SD35 | SD75 | SD200 | SD75L | SD200L |
|---|---|---|---|---|---|
| Capacity × Readability | 35 × 0.02 kg | 75 × 0.05 kg | 200 × 0.1 kg | 75 × 0.05 kg | 200 × 0.1 kg |
| Battery Life | 360 Hours | | | | |
| Scale Base Size | 31.6 × 28 × 4.5 cm | | | 52 × 40 × 7.5 cm | |

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SD Series

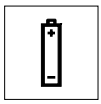
# *OHAUS Shipping Scales*

## Catapult® 1000

### *Economical, Compact Shipping Scales*

- 1:1,500-1:2,000 maximum displayed resolution.
- ABS plastic construction—Stainless steel pan cover optional.
- lb or kg units with modes for Dynamic Weighing and Display Hold.
- AC power adapter (included) or 4 "C" cell battery power (not included).
- Integrated handles for easy transport.

Optional Stainless steel pan, Model 80251248 (scale not included)



Battery Power

Dynamic/ Animal Weighing

Display Hold

| Model | C11P9 | C11P20 | C11P75 |
|---|---|---|---|
| Capacity × Readability | 9 × 0.005 kg | 20 × 0.01 kg | 75 × 0.05 kg |
| Pan Size | 316 × 280 mm | | |

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Catapult® 1000

# *OHAUS Mechanical*

## HEAVY DUTY SOLUTION
### *HIGH CAPACITY WEIGHING SCALES*

- Stainless steel platform.
- Positive load stops.
- Oversized plate for larger containers.
- Tare for containers up to 2270g.
- Magnetic damping speeds the weighing process.
- Covered self-aligning bearings for maintenance-free life.

| Model | | 1119-D0 |
|---|---|---|
| Capacity × Readability | | 20 kg × 1 g |
| Calibrations | Front Beam<br>Rear Beam | 100 g × 1 g<br>1000 g × 100 g |
| Platform Size (Diameter) | | 27.9 cm |

## FIELD TEST
### *COMPACT INDUSTRIAL SCALES*

- Compact, precision mechanical design.
- Slotted weight set included.
- Weighed base keeps scale stable.
- Large, stabilized pan holds oversized samples without tipping.
- Kg or lb units (by model).

| Model | 2400-11 | 2400-12 |
|---|---|---|
| Capacity × Readability | 16 kg × 5 g | 36 × 0.01 lb |
| Beam Calibration | 500 g × 5 g | 1 lb × 0.01 lb |
| Platform Size (Diameter) | 27.9 cm | |



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Heavy Duty Solution

Field Test

# *OHAUS Printers*

## SF40A

### *OHAUS Value in a Full-Featured, Portable Printer.*

- The statistics and totalization modes and real time clock complement OHAUS weighing instruments' application modes and offer functionality that assists the reporting processes.
- SF40A helps support the efficiency of the weighing and recording processes.RS232 interface and PC configuration software make setting up and using the printer fast and simple.
- With the ability to print in 13 different languages, SF40A can print in the language of the connected device to support universal operation.

| Model | Number of Columns | Paper Roll (W x Dia.) |
|---|---|---|
| SF40A | 40 columns | 57.5 mm x Ø 60 mm max |

SF40A

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## OHAUS Corporation

Headquartered in Parsippany, NJ, OHAUS Corporation manufactures an extensive line of balances, scales as well as various laboratory equipment and pH meters. Our products meet the weighing, lab sample preparation and other test 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, visit **www.ohaus.com**.

CorporateWebsite

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