



**Wessex Scale Co**

**Model CKW**  
**Checkweigh Scale**

**The Ohaus CKW Checkweigh Scale – Speed, Durability, Cleanliness and Ease-of-Use designed for food processing and other wet-environment static checkweighing applications.**

Ohaus CKW Series Scales are engineered for static checkweighing operations and other types of bench weighing applications—from general purpose to washdown. With their easy-to-clean design to minimise food traps, food safety conformance, and rigid stainless steel construction, CKW Series scales are ideally suited for years of use in harsh environments and other wet-environment applications. Its multiple configurability and construction were designed for simplicity and dependability that the user needs, resulting in increased productivity, security and lower cost of ownership.

**Standard Features Include:**

- 4 capacity models: 3kg/6lb, 6kg/15lb, 15kg/30lb, 30kg/60lb with 3 base sizes
- Resolutions: Maximum 1:6000-7500, Type-approved 1:3000
- Passivated 304 stainless steel platform with extended skirt and “open architecture” frame
- Adjustable non-slip rubber levelling feet with externally visible level indicator
- Stainless steel IP66 indicator and IP67 load cell
- Food Safety Standards: NSF Certified and USDA-AMS Accepted; supports HACCP compliance
- EC Type Approved; OIML
- Checkweigh setpoint configurability: set targets by Range, Variance by weight or Percentage
- Checkweigh indication: 3-colour 24-segment bar graph, Beeper Alert, Display Alert
- Checkweigh methods: Positive, Negative (Take-away), Zero or Net Checkweighing
- 20-part Library storage for Item ID no., Over, Under, Target and Pre-set Tare values
- High-contrast LED displays with adjustable brightness control
- “Supervisor Mode” with setup and keypad function lockouts
- Built-in RS232 and External Remote Input with optional RS422/485 and AC/DC Relay Output
- Multiple weighing units: kg, g, lb, oz, lb:oz, %
- 100-240 VAC Universal power supply with optional 10-hour internal rechargeable NiMH battery
- Notable features include: Geo factor, GMP, Time/Date, Auto-Tare, Auto-Tare on Accept, Stable weight display within 2 seconds, Accumulation with No. of weighments, Average and Standard Deviation.

# Model CKW Checkweigh Scale

The CKW Scale is part of the CKW Series of Checkweighers that include the CKW-55 and Base models.

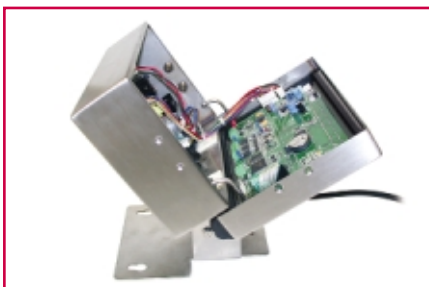
- **For Checkweighing Operations**, accuracy, repeatability, fast displayed results and durability
- **For Checkweighing Setup**, easy and quick entry of checkweigh setpoint values
- **For Checkweighing Applications**, easy and quick configurability under various usage:
  - > Portioning and pre-packaging; positive checkweighing
  - > Portioning out of the box; negative or take-away checkweighing
  - > Sorting and grading; zero or net checkweighing
- **For Checkweighing Indications**, easy and quick set up of combination of user preferences:
  - > Beeper alert under selectable checkweigh conditions; volume controllable
  - > 3-color Bar Graph; increments can be scaled to capacity, display as a segment, bar or block
  - > Weight display alert under selectable checkweigh conditions; can be blanked out, adjustable brightness
- **For Checkweigh Environments**, durability and cleanability:
  - > Stainless steel IP66 indicator
  - > Passivated stainless steel base and “open architecture” frame



*CKW Base*



*CKW-55 Indicator*



*Internal hinge mechanism for ease of service*

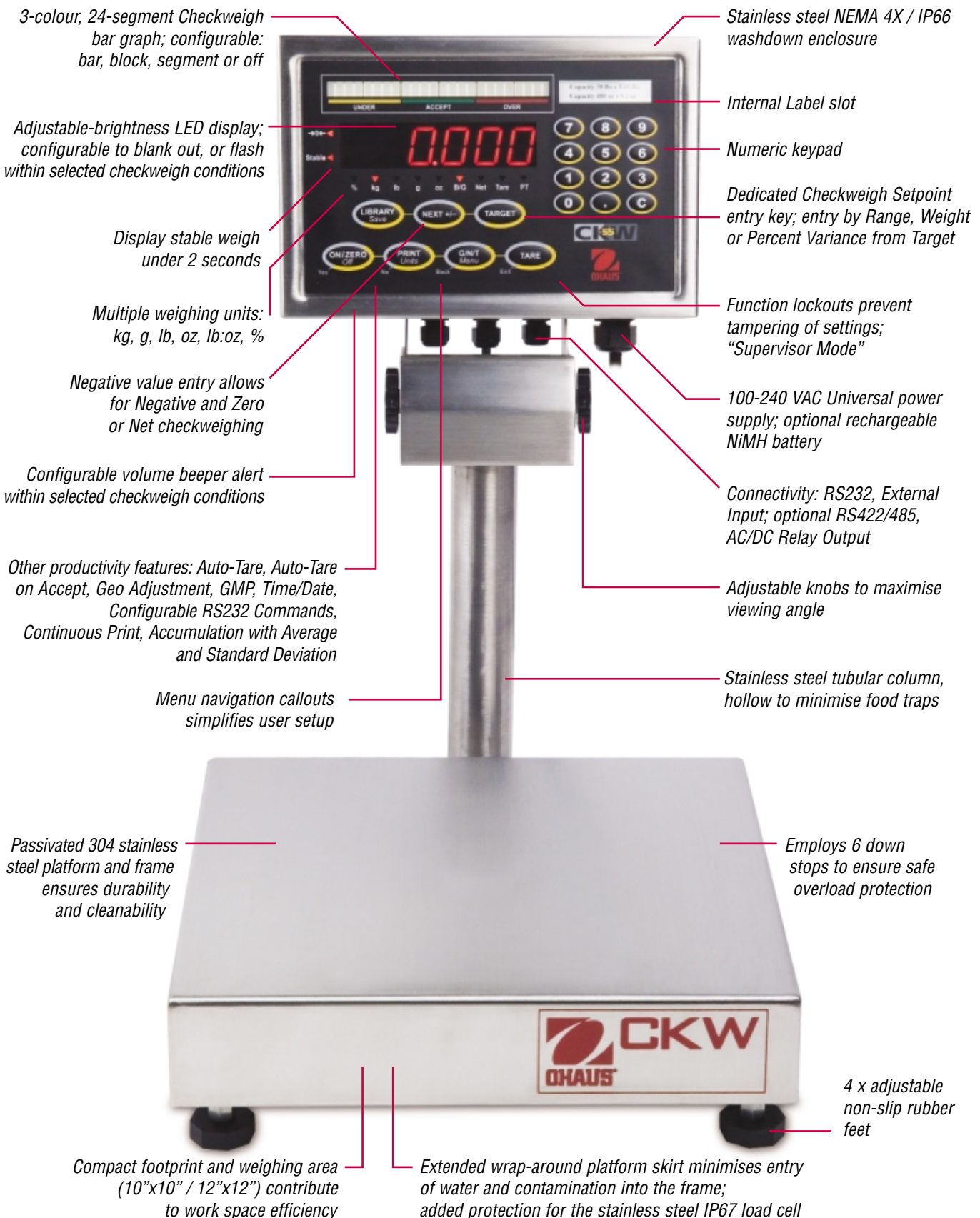


*4 x capacity models in 3 base sizes*



*No visible threads assures conformance to Food Safety standards and minimised contamination area*

# Ohaus CKW Productivity Features



- Marks of quality that are accepted by manufacturers and consumers alike
- Marks of quality that assure highly accurate and repeatable results over the life of the product
- Marks of quality that ensure a hygienic design for food safety compliance



**SUPPORTS HACCP COMPLIANCE**

# Model CKW Checkweigh Scale

## Specifications

Model	CKW3R55	CKW6R55	CKW15L55	CKW30L55
Capacity (max) x Enhanced Readability (d)	3 kg x 0.0005 kg 3000g x 0.5g	6 kg x 0.001 kg 6000 g x 1 g	15 kg x 0.002 kg 15000 g x 2 g	30 kg x 0.005 kg 30000 g x 5 g
Maximum Displayed Resolution	1:6000	1:7500	1:7500	1:6000
Capacity (max) x Approvable Readability (e)	3 kg x 0.001 kg 3000 g x 1 g	6 kg x 0.002 kg 6000 g x 2 g	15 kg x 0.005 kg 15000 g x 5 g	30 kg x 0.01 kg 30000 g x 10 g
Approval Resolution	1:3000	1:3000	1:3000	1:3000
Platform Dimensions (WxDxH)	254 x 254 x 57.5 mm		305 x 305 x 57.5 mm	305 x 305 x 69.5 mm
Load Cell Capacity	6 kg	10 kg	30 kg	50 kg
Load Cell Protection	Stainless Steel IP67			
Indicator Protection	304 Stainless Steel NEMA 4X/IP66			
Base Construction	Passivated 304 Stainless Steel with Non-slip Rubber Levelling Feet			
Column	Tubular 304 Stainless Steel 300 mm / 11.8" Fixed Height with Indicator and Base Mounting Brackets			
Leveling Component	Externally Visible Level Bubble and Adjustable Levelling Feet			
Safe Overload Capacity	150% of rated capacity			
Weighing Units	kg, lb, g, oz, lb:oz, %			
Functions	Static Weighing and Checkweighing			
Weight Display	20 mm High 6-digit, 7-segment LED			
Checkweigh Indication	24-segment LED (3 color x 8) Bar Graph, Audible Beeper and LED Display with Multiple User Setups			
Keyboard	Numeric, 7 Function with dedicated Tare and Target Entry Buttons Raised Tactile Membrane Switch			
Stabilization Time	Within 2 Seconds			
Auto-zero Tracking	Off, .5, 1 or 3 Divisions			
Zeroing Range	2%, 18% or 100% of Capacity			
Span Calibration	1 lb/kg to 100% of Capacity			
Power	100-240 VAC / 50-60 Hz Universal Power Supply Hardwire Cord Optional: Internal Rechargeable NiMH Battery (10-hour life)			
Interface	Built-in RS232 and External Remote Input / Optional: RS485/422, Relay Output			
Operating Temperature Range	-10°C to 40°C / 14°F to 104°F			
Net Weight	8.7 kg	9.8 kg	11.9 kg	12.9 kg
Shipping Weight	11.2 kg	12.3 kg	14.5 kg	15.5 kg
Shipping Dimensions	485 x 390 x 410 mm	485 x 390 x 410 mm	485 x 390 x 410 mm	485 x 390 x 410 mm

## Physical and Operational Features:

Stainless steel housing NEMA 4X/IP66, LED weight display, 24-segment LED bar graph, adjustable beeper and weight display checkweigh alert, tactile membrane switch with numeric keypad, dedicated checkweigh Target button, universal power supply; built-in RS232 and external input, 20-part Library memory, Auto-Tare, Auto-Tare on Accept, Geo Factor, GMP, Time/Date, configurable RS232 commands, Accumulation with Average and Standard Deviation, setpoint entry by Range, Weight and Percent Variance, Function lockout and hardware switch, passivated stainless steel base, extended platform skirt, non-slip rubber levelling feet, externally visible level bubble, stainless steel IP67 load cell, down-stops for overload protection, hollow tubular stainless steel column.

## Accessories and Options

- Foot switch (71173378)
- Rechargeable NiMH Battery Kit (71167966) / Rechargeable NiMH Battery (71172942)
- DC Relay Kit (71173377) / AC Relay Kit (71167967)
- RS422/485 Kit (71167965)
- Wall Bracket Kit (71167964) / CKW Column Kit, CKW-55, 229 mm Fixed Height (71167972)
- Column Kit, CW-11, 350mm Fixed Height (71154565) – all CKW base models
- Column Kit, CW-11, 680mm Fixed Height (71154566) – CKW30L base only
- CKW Column Adapter Kit, CW-11 (80251060) – for connecting CW-11 column kit to CKW base

## Approvals

- **Food Safety:** NSF Certified to NSF C-2: Special Equipment and/or Devices (Food Service Equipment), USDA-AMS accepted to NSF/3-A 14159 (Hygiene Requirements for the Design of Meat and Poultry Processing Equipment, Meets requirements for HACCP conformity)
- **Type/Legal-for-Trade:** OIML R76 Class III and EC Type Approval
- **Quality:** Ohaus quality management system registered to ISO 9001:2000

## Industry Leading Quality and Support

The Ohaus CKW Series is manufactured under an ISO 9001:2000 Registered Quality Management System. Our rugged construction and stringent quality control have been hallmarks of all Ohaus products for nearly a century.

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*With offices throughout Europe,  
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