OHAUS®

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-contract LED displays with adjustable brightness control
- "Supervisor Mode" with setup and keypad function lockouts
- Built-in RS232 and External Rremote 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.

CKW Series *Checkweighing 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

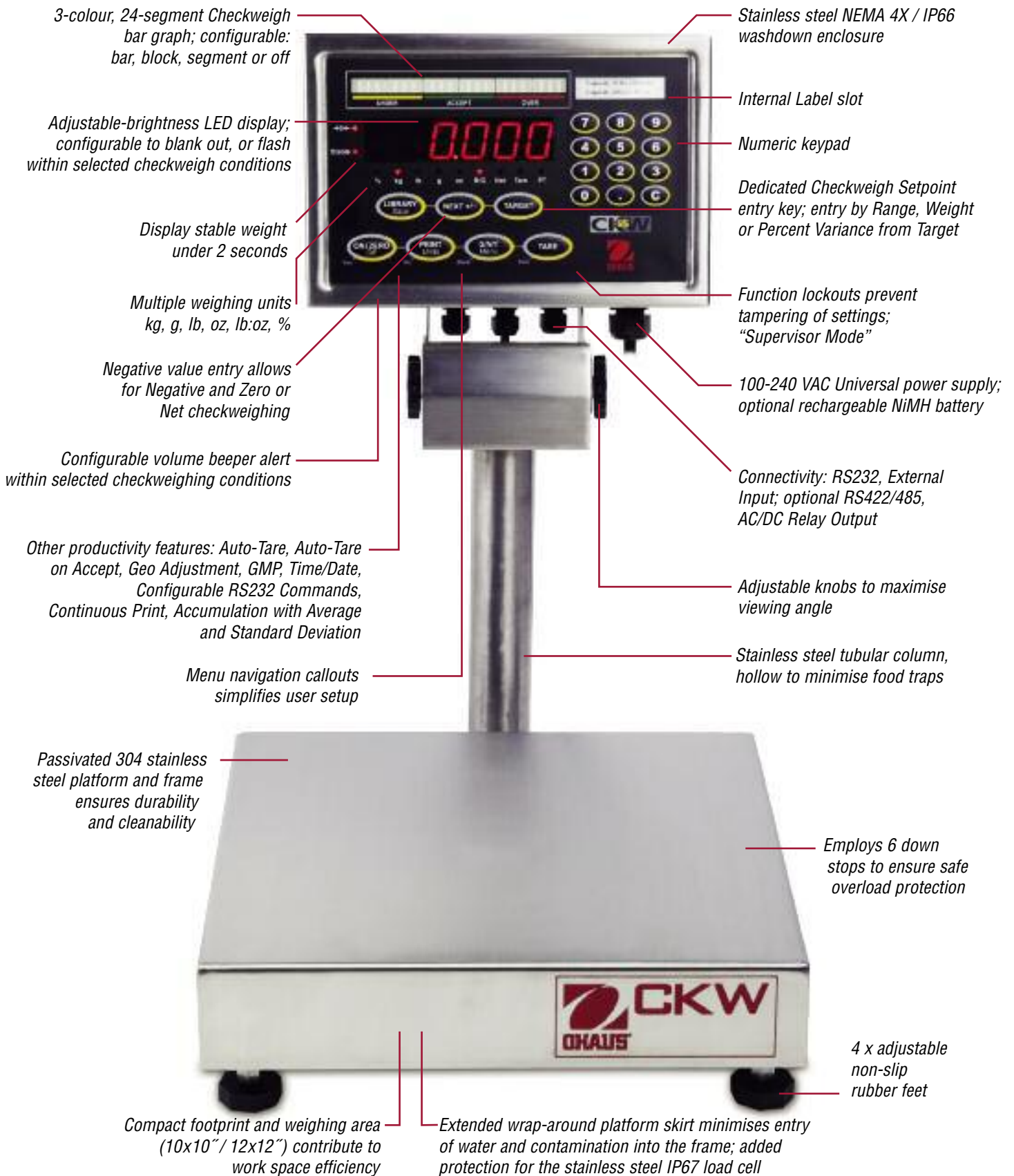*CKW-55 Indicator*

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

3-colour, 24-segment Checkweigh bar graph; configurable: bar, block, segment or off

Adjustable-brightness LED display; configurable to blank out, or flash within selected checkweigh conditions

Display stable weight under 2 seconds

Multiple weighing units kg, g, lb, oz, lb:oz, %

Negative value entry allows for Negative and Zero or Net checkweighing

Configurable volume beeper alert within selected checkweighing conditions

Other productivity features: Auto-Tare, Auto-Tare on Accept, Geo Adjustment, GMP, Time/Date, Configurable RS232 Commands, Continuous Print, Accumulation with Average and Standard Deviation

Menu navigation callouts simplifies user setup

Passivated 304 stainless steel platform and frame ensures durability and cleanability

Compact footprint and weighing area (10x10˝ / 12x12˝) contribute to work space efficiency

Stainless steel NEMA 4X / IP66 washdown enclosure

Internal Label slot

Numeric keypad

Dedicated Checkweigh Setpoint entry key; entry by Range, Weight or Percent Variance from Target

Function lockouts prevent tampering of settings; "Supervisor Mode"

100-240 VAC Universal power supply; optional rechargeable NiMH battery

Connectivity: RS232, External Input; optional RS422/485, AC/DC Relay Output

Adjustable knobs to maximise viewing angle

Stainless steel tubular column, hollow to minimise food traps

Employs 6 down stops to ensure safe overload protection

4 x adjustable non-slip rubber feet

Extended wrap-around platform skirt minimises entry of water and contamination into the frame; added protection for the stainless steel IP67 load cell

- **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**

NSF ? C E

SUPPORTS HACCP COMPLIANCE

CKW Series *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	1:3000	1:3000	1:3000	1:3000
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	2.125	2.125	2.125	2.125
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 over a century.