Quick Start Guide   OHAUS® *CKW-55 Indicator*

⚡ **CAUTION: Disconnect power before opening indicator.**

ASSEMBLY

The Indicator housing has liquid-tight cable connectors for load cell, communication (I/O), and AC power, as shown.

To open the housing, remove two screws on either side, and gently fold the front panel away from the rear panel.

Pass the load cell cable through the liquid-tight connector and the large ferrite bead attached to a plastic clip. Remove the screws holding the switch cover plate. Connect the load cell cable and wires as indicated on the diagram below.

I/O   LOAD CELL   I/O   AC POWER
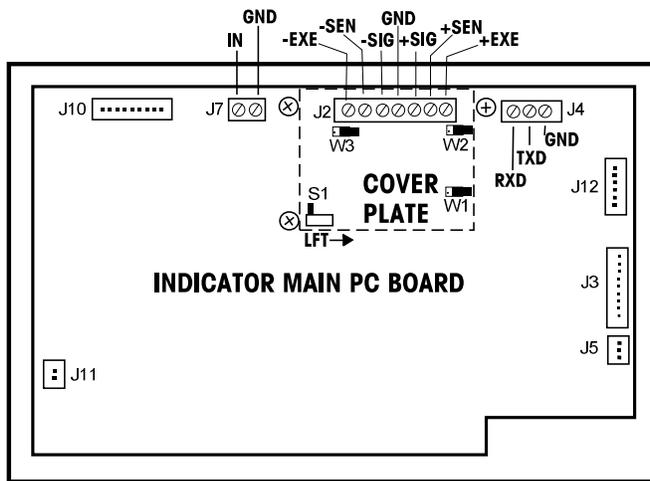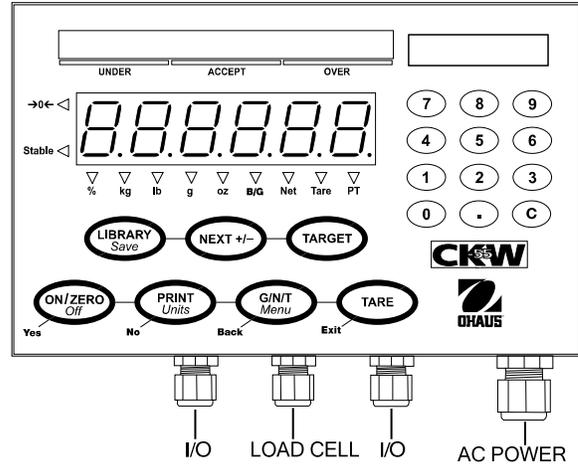
Adjust Jumpers to match the load cell:

For a 2 mv/v load cell: short W1.
For a 3 mv/v load cell: open W1.
For a 4-wire load cell with no sense wires: short both W2 and W3. For a 6-wire load cell with sense wires, open W2 and W3.
For a load cell with an extra ground shield wire, connect the shield wire to "GND" on J2.

OPEN JUMPERS   SHORTED JUMPER
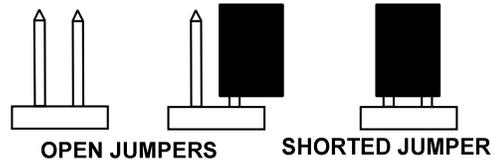
Mount the Indicator on its Wall/Table Bracket
Mount to a vertical or horizontal solid surface.
(Hardware not supplied.) Adjust angle, then tighten knobs.
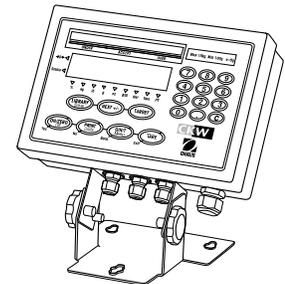
⚠ **Safety precautions:**

- Be sure local power supply matches input voltage printed on Indicator label.
- Be sure the power cord does not pose an obstacle or tripping hazard.
- Disconnect the product when cleaning.
- Do not operate this product in hazardous or unstable environments.

- Use only approved accessories and peripherals.
- Operate the product only under ambient conditions specified in the Instruction Manual.
- Service should be performed by authorized personnel only.

CKW-55 Indicator Quick Start Guide

CONTROLS

Checkweigh Bar Graph

Capacity label window

UNDER   ACCEPT   OVER

Center of Zero

Stability symbol

Percent, Weighing units, Brutto/Gross, Net, Tare, Preset Tare

% kg lb g oz B/G Net Tare PT

Numeric keypad

7 8 9
4 5 6
1 2 3
0 . C

Clear button

LIBRARY *Save*   NEXT +/–   TARGET

ON/ZERO *Off*   PRINT *Units*   G/N/T *Menu*   TARE

Yes   No   Back   Exit

CKW
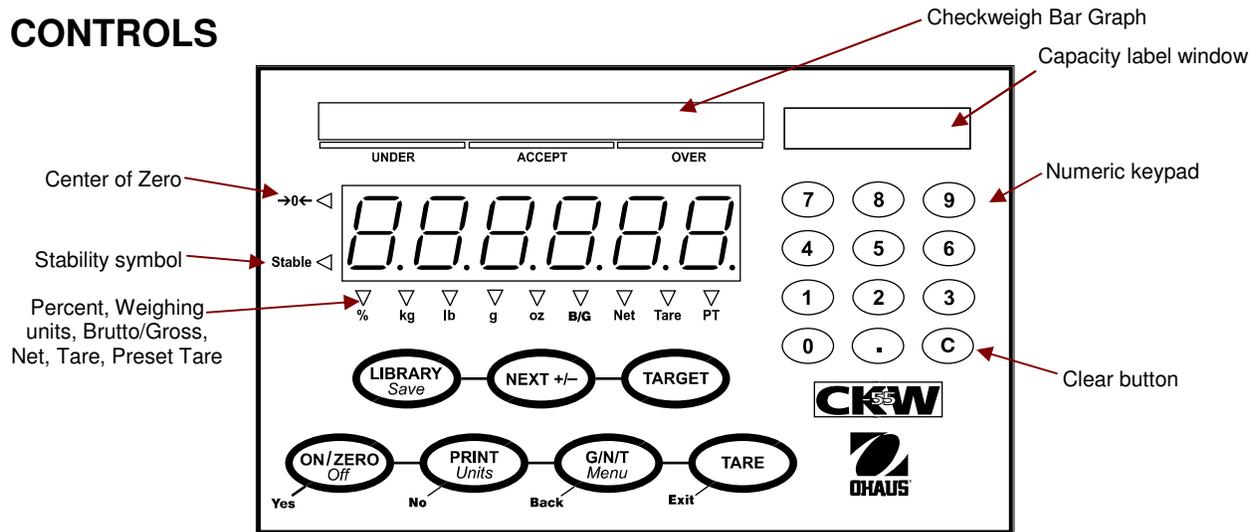
	Primary Function *Short Press*	Secondary Function *Long Press*	Navigation Function *Menu Mode*
ON/ZERO *Off* Yes	**ON/ZERO** Turns indicator on. If indicator is on, sets zero.	***Off*** Turns indicator off.	**Yes** Enters current menu (shown on display) Accepts current setting
PRINT *Units* No	**PRINT** Sends displayed value to the serial interface	***Units*** Changes weighing unit	**No** Advances to next menu. Rejects displayed setting, advances to next setting.
G/N/T *Menu* Back	**G/N/T** Displays gross, net, tare values	***Menu*** Enters menu mode	**Back** Moves back through menus. Backs out of menu setting.
TARE Exit	**TARE** Performs tare operation. Saves pre-set tare after numeric entry.		**Exit** Exits present mode, returns to weighing mode.
LIBRARY *Save*	**LIBRARY** Initiates library sequence: view/entry/edit.	***Save*** Saves library data, loads it to active weighing mode.	
NEXT +/–	**NEXT+/–** Adds displayed weight to accumulation memory. Toggles data: **+/–**	Displays statistical information of accumulation memory.	
TARGET	**TARGET** Initiates target sequence. Saves and steps through target data.		

OPERATION

On: Press **ON**. Indicator runs a display test, shows a series of informational displays, and enters active weighing mode.

Off: Press and hold *Off* until **OFF** appears.

Press **ZERO** to zero the weight display. Scale must be stable. Indicator zeros automatically at Power On.

Basic Weighing: Place item to be weighed on platform. The illustration indicates a sample of 1.5 kg, Gross weight.

Manual Tare: If weighing an item in a container, place empty container on the scale. Before taring, container's weight is shown (example 0.5 kg).

Press **TARE**. Display shows zero.
(If container is removed, display shows container's weight as negative.)

To clear the Tare value, empty the platform and press **TARE**. The display shows gross weight (zero if platform is empty).

Pre-set Tare: enter a value on the keypad (*eg,* 1.000 kg). Press **TARE**. Display shows Pre-set Tare as negative value, with PT indicator on.

(If **TARE** is not pressed within five seconds, display returns to previous mode without saving a tare.)

To clear a Pre-set Tare value, clear platform, press **TARE**. Display returns to 0 kg, Gross weight.

Displaying Gross, Net, Tare: When a tare has been entered, press **G/N/T** successively to display Tare, Gross, and Net weights. After a few seconds indicator automatically reverts to displaying NET weight.
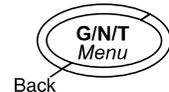
ADDITIONAL OPERATIONS *(See Instruction Manual for details.)*

Changing Units of Measure: Press and hold *Units* until desired unit appears. Only measuring units enabled in the Readout-Unit Menu are displayed.

Accumulation: collect data from multiple weighings, *eg,* number of samples, total sample weight, average sample weight, standard deviation of sample weight. To add a value to Accumulation memory, place item on the platform, then short press **NEXT +/-**. Repeat this step for each additional item.

Checkweighing: enable it in Mode Menu. To check weight against preset target, press **Target**. Enter value with numeric keypad. Press **Next +**/ **–** for negative or positive. Press **Target** to accept entry.

MENU NAVIGATION

Press and hold (**G/N/T** *Menu* Back) until MENU appears on the display. ***CAL*** appears.

Use **Yes**, **No**, **Back**, and **Exit** to navigate in Menu Mode:

(**ON/ZERO** *Off*) Yes	Allows entry / Accepts displayed setting and advances to next menu item.
(**PRINT** *Units*) No	Skips displayed menu / Rejects setting or item, advances to next available item.
(**G/N/T** *Menu*) Back	Moves backwards through menus.
(**TARE**) Exit	Exits directly to active weighing mode.

MENU STRUCTURE *(For more details, see Instruction Manual.)*

Menu structure flow diagram with the following top-level menus: CAL, SETUP, READOUT, MODE, PRINT, COM, I/O, GMP, LOCK, END

CAL: SPAN; LINEARITY; GEO (00 12 19 31); END

SETUP: RESET (YES/NO); LFT (OFF/ON); CAL UNIT (kg/lb); FS CAPACITY Numeric Entry; GRAD Numeric Entry; ZERO RANGE (2% / 18% / 100%); Retain Zero Data (Off/On); Auto-Tare (Off/On/OnAcc); Beep Volume (Off/Lo/Hi); Key Beep (Off/On); END

READOUT: RESET (YES/NO); UNIT (Kg, lb, g, Oz, Lb:oz, %); Stable Range (.5d/1d/2d/5d); AVG LEVEL (LOW/MED/HIGH); AZT (OFF/0.5d/1d/3d); LED Brightness (OFF/LOW/MED/HIGH); Bar Brightness (OFF/LOW/MED/HIGH); Power Saver (Sleep/Auto-off); END

MODE: RESET (YES/NO); Check-weigh (OFF/ON); Library (OFF/ON); Set Point Input (Range Variance %); Beeper Signal (OFF/Accept/Under/Over/Under-Over); Display Signal (OFF/Accept/Under/Over/Under-Over); Graph Increment (Scaled/Auto/User); Graph Display (Segment/Bar/Block); END

PRINT: RESET (YES/NO); Stable Only (Off/On); Auto Print Mode (OFF/Stable/Interval/Continuous/On Accept); Print Content (Display/Numeric/Header/Setpoint/Gross, Net/Tare/Status/GMP/Accumulation); Layout List (Format/Feed/Menu/Library); END

COM: RESET (YES/NO); Baud Rate (300/600/1200/2400/4800/9600/19200); Parity (None/Even/Odd); Data Length (7/8); Stop Bits (1/2); Hand-Shake (None/XONXOFF); Type (RS232/RS485); Alt Command (Print/Tare/Zero); END

I/O: RESET (YES/NO); External Input (Off/Tare/Zero/Print/Units/GNT/Accumulation/Start-Stop); Input Beep (Off/On); Relay Output (Type/Sequence/Contact/Stable); END

GMP: RESET (YES/NO); User ID (Enter 6 characters); Project ID (Enter 6 characters); Scale ID (Enter 6 characters); Date (Format Set); Time (Format Set); END

LOCK: Menu (Reset/Cal/Setup/Read/Mode/Print/Com/I/O/GMP/Data); Key Function (Reset/Num/Clr/Target/Lib/LibSave/Next/Zero/Print/Units/GNT/Tare/Menu); END