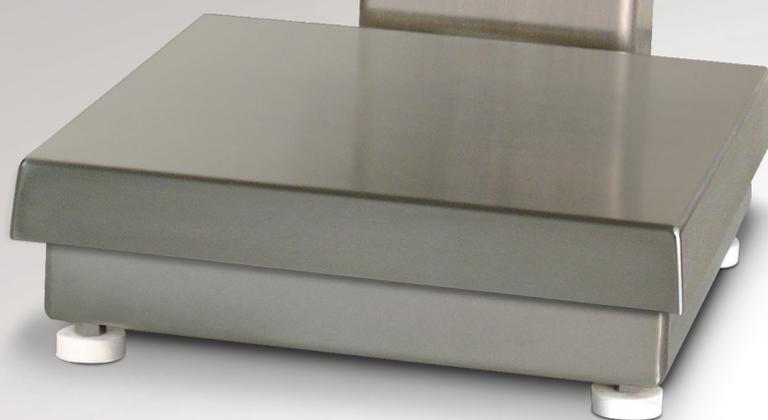


# CW-90

OVER/UNDER CHECKWEIGHER



**RICE LAKE**<sup>®</sup>  
WEIGHING SYSTEMS

800-472-6703  
[www.ricelake.com](http://www.ricelake.com)

# CW-90

## OVER/UNDER CHECKWEIGHER



### The Bench Checkweigher of Choice

Rice Lake's CW-90 bench checkweigher accelerates weighing processes and reduces production down-time—two critical factors to any company's bottom line. Ease of use, real-time data collection and rugged stainless steel construction make the CW-90 the equipment of choice for operators, quality control and maintenance departments. The CW-90 is also competitively priced, making it an appealing solution for all light industrial settings.

### Easy to Configure

The CW-90's configuration menu is accessible through the front keypad, eliminating the need to open the indicator and risk exposure to moisture or contaminants. The CW-90 stores detailed information for up to 50 separate IDs, allowing easy recall of previously saved information. For additional storage, optional WeighVault® PC software collects data from single or multiple CW-90s and provides detailed reports that can be exported to Excel®, Word or PDF.

### Simple to Use

The CW-90's straightforward operation meets the needs of today's lean manufacturers: Simply watch the over/under lights! Program the unit with specified weight limits and a red light will display an underweight condition, yellow for over and green for target weights. Rice Lake's CW-90 will help error-proof your production process and achieve productivity goals.

STANDARD SIZE AND CAPACITY		Platform Dimensions	Column Height
5lb	5lb x 0.001lb (2.5kg x 0.0005kg) or 80oz x 0.02oz	10in x 10in	12in
10lb	10lb x 0.002lb (5kg x 0.001kg) or 160oz x 0.05oz	10in x 10in	12in
25lb	25lb x 0.005lb (10kg x 0.005kg) or 400oz x 0.1oz	10in x 10in	12in
25lb	25lb x 0.005lb (10kg x 0.005kg) or 400oz x 0.1oz	12in x 12in	12in
50lb	50lb x 0.01lb (25kg x 0.005kg) or 800oz x 0.2oz	12in x 12in	12in
100lb	100lb x 0.02lb (50kg x 0.01kg) or 1600oz x 0.5oz	12in x 12in	12in

### Harsh environments call for an Extreme Solution.

## CW-90X HEAVY WASHDOWN OVER/UNDER CHECKWEIGHER

For heavy washdown environments and HACCP requirements, choose Rice Lake's CW-90X. The over/under CW-90X checkweigher features hermetically sealed load cells, 304 stainless steel and has an IP69K rating to survive daily washdown.

The CW-90X also features the toughest keypad available in the industry today. The unique piezo keypad is made to withstand sharp knife-point contacts, and is resistant to most contaminants and liquids.



### STANDARD FEATURES

#### Indicator:

- Membrane keypad consisting of ZERO, UNITS, PRINT, TARE, OVER, UNDER, ID, TARGET, 0-9, DECIMAL, CLEAR, ENTER, MENU, POWER
- 304 stainless steel, IP66 rated
- Gore™ PreVent® breather vent
- Storage for up to 50 IDs
- Unit of Measure: kg, gm, lb, oz, lb/oz
- High-intensity LED display
- Battery-backed time and date
- Two full duplex serial ports
- Configurable print formats
- Audit trail tracking
- Optional communications: Ethernet, USB or Fiber Optic
- Four configurable digital I/O
- Reflash memory to upgrade firmware

#### Scale:

- Aluminum, environmentally sealed load cell
- 304 stainless steel
- Five-point overload protection

### SPECIFICATIONS

<b>POWER AC:</b>	Line voltages: 115/230 VAC Frequency: 50/60 Hz Fused @ 2,5 A
<b>POWER CONSUMPTION:</b>	1,5 A @ 115 VAC (8W), 0,75 A @ 230 VAC (8W)
<b>EXCITATION VOLTAGE:</b>	+5VDC 8 x 350 Ω or 16 x 700 Ω load cells
<b>ANALOG SIGNAL INPUT RANGE:</b>	-0,5 mV/V - 4,5 mV/V
<b>ANALOG SIGNAL SENSITIVITY:</b>	0,3 μV/graduation minimum, 1,5 μV/graduation recommended
<b>MEASUREMENT RATE:</b>	960, 480, 240, 120, 60, 30, 15, 7,5 per second
<b>SYSTEM LINEARITY:</b>	+/-0,01% full scale
<b>DIGITAL I/O:</b>	4 channels on CPU board
<b>CIRCUIT PROTECTION:</b>	RFI, EMI, EFT, ESD and surge protection
<b>DISPLAY:</b>	Large 2 cm, 14-segment, six digit high-intensity red LED display with three color over/under bar graph
<b>STATUS ANNUNCIATORS:</b>	Designators for %, kg, gm, lb, oz, center of zero, G/B, N, T, PT, neg, standstill
<b>OPERATING TEMPERATURE:</b>	Legal: -10° C to +40° C (14° F to 104° F)
<b>RATING MATERIAL:</b>	IP66, stainless steel
<b>DISPLAY RESOLUTION:</b>	100,000 graduations maximum
<b>LOAD CELL:</b>	Aluminum, environmentally sealed
<b>WARRANTY:</b>	Two-year limited warranty

### APPROVALS



GORE, GORE-TEX and design are registered trademarks of W.L. Gore & Associates, Inc.

SALES AND TECHNICAL ASSISTANCE

# RICE LAKE

WEIGHING SYSTEMS

**HEADQUARTERS**  
230 West Coleman Street  
Rice Lake, Wisconsin 54868 - USA  
Tel: (715) 234 9171 | Fax: (715) 234 6967  
[www.ricelake.com](http://www.ricelake.com)