

# CW-90

OVER/UNDER  
CHECKWEIGHER



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

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



## The Bench Checkweigher of Choice

Rice Lake's CW-90 bench checkweigher accelerates weighing processes and reduces production downtime—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 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, expandable with optional WeighVault PC software
- 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: 115/230VAC Frequency: 50/60Hz Fused at 2.5A
<b>Power Consumption:</b>	1.5A at 115VAC (8W), 0.75A at 230VAC (8W)
<b>Excitation Voltage:</b>	+5VDC 8 x 350Ω or 16 x 700Ω load cells
<b>Analog Signal Input Range:</b>	-0.5mV/V - 4.5mV/V
<b>Analog Signal Sensitivity:</b>	0.3µV/graduation minimum, 1.5µV/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 0.8in, 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: 14°F to 104°F (-10°C to 40°C)
<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

### Standard Size and Capacity

		Platform Dimensions	Column Height
<b>5lb</b>	5lb x 0.001lb (2.5kg x 0.0005kg) or 80oz x 0.02oz	10in x 10in	12in
<b>10lb</b>	10lb x 0.002lb (5kg x 0.001kg) or 160oz x 0.05oz	10in x 10in	12in
<b>25lb</b>	25lb x 0.005lb (10kg x 0.005kg) or 400oz x 0.1oz	10in x 10in	12in
<b>25lb</b>	25lb x 0.005lb (10kg x 0.005kg) or 400oz x 0.1oz	12in x 12in	12in
<b>50lb</b>	50lb x 0.01lb (25kg x 0.005kg) or 800oz x 0.2oz	12in x 12in	12in
<b>100lb</b>	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 sanitary washdowns.

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.

**Call 800-472-6703 for more information or visit [www.ricelake.com](http://www.ricelake.com).**



### Approvals



R76/2006-GB1-10.02  
European Test Certificate GB1385  
European EC Type-Approval 15692  
Accuracy Class III nmax : 10,000

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