

# CW-90

OVER/UNDER  
CHECKWEIGHER



**REVOLUTION**  
SCALE SOFTWARE

**RICE LAKE**  
WEIGHING SYSTEMS  
To be the best by every measure®

# CW-90 OVER/UNDER CHECKWEIGHER



## The Checkweigher of Choice

Rice Lake's CW-90 checkweigher is designed to help speed up your weighing process and reduce production downtime, two critical factors to your 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 competitively priced for all light industrial settings.

### Easy to Configure

The configuration menu of the CW-90 is accessible through the front keypad, eliminating the need to open the back of the indicator and expose the unit to moisture or contaminants. Access to these keypad controls can be limited to meet the operator's needs. The CW-90 will store detailed information for up to 50 separate IDs, allowing for easy recall of previously saved information. An adjustable contrast display is visible in any environment.



### Simple to Maintain

The CW-90 has kept things simple to meet the needs of today's lean manufacturers. Use this checkweigher by easily watching 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 when a target weight is reached. Rice Lake's CW-90 will help error-proof your production process and achieve your productivity goals.

### Standard Size and Capacity

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



### 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: 115/230VAC Frequency: 50/60Hz Fused @ 2.5A
<b>Power Consumption:</b>	1.5A @ 115VAC (8W), 0.75A @ 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

### Approvals



Measurement Canada Approved



Pending



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