# OVER/UNDER WASHDOWN CHECKWEIGHER



115 VA	C OR 230 VAC		Platform Dimensions	Column Height
5lb	5lb x 0.001lb (2.5kg x 0.0005kg)	or 80 oz x 0.02 oz	10 x 10 in	12in
10lb	10lb x 0.002lb (5kg x 0.001kg) or	160 oz x 0.05 oz	10 x 10in	12in
25lb	25lb x 0.005lb (10kg x 0.005kg) c	or 400 oz x 0.1 oz	10 x 10in	12in
25lb	25lb x 0.005lb (10kg x 0.005kg) c	or 400 oz x 0.1 oz	12 x 12in	12in
50lb	50lb x 0.01lb (25kg x 0.005kg) or	800 oz x 0.2 oz	12 x 12in	12in
100lb	100lb x 0.02lb (50kg x 0.01kg) or	1600 oz x 0.5 oz	12 x 12in	12in
230 VA	C CE marked/OIML approved	Platf Dimen		Column Height
3kg	3kg x 0.001kg	254 mm x 254	mm x 108mm	305 mm
6kg	6 kg x 0.002 kg	254 mm x 254	mm x 108mm	305 mm
15kg	15kg x 0.005kg	254 mm x 254	mm x 108mm	305 mm
15kg	15kg x 0.005kg	305 mm x 305	mm x 108mm	305 mm

305mm x 305mm x 108mm

305mm x 305mm x 108mm

305 mm

305 mm

#### Custom sizes available

60kg

**30 kg** 30 kg x 0.01 kg

60kg x 0.02kg

Your Rice Lake Weighing Systems distributor is:

#### **Standard Features**

- Indicator:
  Piezo keypad consisting of ZERO, UNITS, PRINT, TARE, OVER, UNDER, ID, TARGET, ENTER, MENU, POWER
- 304 stainless steel, IP69K rated
- Gore™ PreVent<sup>®</sup> 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
- Scale:
- IP69K, stainless steel hermetically sealed load cell
- 304 stainless steel
- Five-point overload protection

#### **Optional Communications:**

- Ethernet, USB or Fiber Optic, WiFi
- Four configurable digital I/Os
- Reflash memory to upgrade firmware

#### **Specifications**

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Power AC:	Line voltages: 115/230 VAC Frequency: 50/60 Hz Fused at 2.5 A		
Power Consumption	: 1.5A at 115 VAC (8W), 0.75A at 230 VAC (8W)		
Excitation Voltage:	+5VDC 8 x 350 $\Omega$ or 16 x 700 $\Omega$ load cells		
Analog Signal			
Input Range:	-0.5mV/V + 4.5mV/V		
Analog Signal Sensitivity:	$0.3\mu\text{V/graduation minimum},1.5\mu\text{V/graduation}$ recommended		
Measurement Rate:	960, 480, 240, 120, 60, 30, 15, 7.5 per second		
System Linearity:	+/-0.01% full scale		
Digital I/O:	4 channels on CPU board		
Circuit Protection:	RFI, EMI, EFT, ESD and surge protection		
Display:	Large 0.8in, 14-segment, six digit high-intensity red LED display with three color over/under bar graph		
Status Annunciators:	Designators for %, kg, gm, lb, oz, center of zero, Gross/Brutto, N, T, PT, neg, motion		
Operating Temperature:	Legal: 14°F to 104°F (-10°C to 40°C)		
Rating Material:	IP69K, stainless steel		
Display Resolution:	100,000 graduations maximum		
Load Cell:	IP69K, stainless steel hermetically sealed		
Warranty:	Three-year limited warranty		

#### Approvals





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# CW-90X

UVER/UNDER WASHDOWN CHECKWEIGHER





800-472-6703 www.ricelake.com

# **Facing Hostile Environments**

#### **Extra-Strength Keypad**

Made to withstand sharp knife-point contacts as well as contaminants and liquids, Rice Lake's CW-90X features an amazingly tough piezo keypad. Its extra-strength material is the most durable in the industry, ensuring your scale will continue to work through any challenge.

## **IP69K–Your Best Defense**

Manufacturers with harsh production environments look for the IP69K rating to provide the highest level of protection available. The CW-90X uses a hermetically sealed load cell and stainless steel indicator, which have both earned IP69K rating, guaranteeing protection from repeated high temp/high pressure washdowns. Complete with 304 stainless-steel construction, the CW-90X will help meet all of your HACCP and food industry requirements.

### **NSF** Approval



industry, the CW-90X is fully compliant to NSF standards. NSF International provides certification\* services for equipment used in the processing of meat and poultry. These standards have been

In our commitment to the food processing

specified by the USDA to be sure the highest quality equipment is used for food manufacturing purposes.

\*NSF/ANSI/3-A Standards 14159-1, -2 and -3.



Display contrast can be easily adjusted to suit any environment.

The tough piezo keypad offers exceptional durability, unaffected by sharp knife points or other abrasive treatment.

### **Predicting Growth? Get**



WeighVault for your PC surpasses the CW-90/90X's 50 ID limitation and eliminates front-panel entry by letting users add, edit and access IDs through a PC. As transactions occur, WeighVault collects data from single or multiple checkweighers and provides detailed reports which can be exported to Excel\*, Word or PDF. For more information regarding WeighVault, please visit: www.ricelake.com/weighvault

# **Performance Under Extreme Pressure**

Durable

# CW-90

Built to withstand rough handling and extreme washdown requirements, the CW-90X will enhance productivity and reduce cost of ownership. Increase profits with the most dependable and durable equipment in the industry.



The CW-90X also features the unique Gore<sup>®</sup> PreVent<sup>®</sup> breather vent with GORE-TEX® material. This device is designed to let air flow in and out of the indicator while simultaneously blocking water and dust. In areas of extreme temperature change, this breakthrough technology helps eliminate the possibility of damaging condensation. With so many enhanced features, the customer-driven design of Rice Lake's CW-90X is built to outlast the competition,

majority of applications.

unique piezo keypad.

## **Practical**

hands down.

The CW-90X has the capacity to store up to 50 individual IDs to recall previously stored information. It can also be used with optional Ethernet, USB and fiber optic ports to capture production floor data.

IP69K rating and NSF approval make the CW-90X ideal for processing meat and poultry. Enclosures with an IP69K rating must be able to withstand high-pressure and steam cleaning as well as be dust-tight.



The CW-90X is built for the demanding, heavy-duty environments of today's food processing industry. Starting with its IP69K rating, you won't find a more robust bench checkweigher on the market. The hermetically sealed stainless steel load cell and watertight enclosure are guaranteed to withstand the harshest washdown environments. The CW-90X is constructed of 304 stainless steel with a five-point overload system, helping prevent load cell damage and provide the most economical solution to a

Sharp knife points are no match for the smooth, hardened surface and non-tactile key function of the

When a standard size scale base or column doesn't quite fit your needs, Rice Lake is positioned to deliver a custom solution that's quick and cost effective for nearly any weighing application.

#### Simple

Users of Rice Lake's CW-90X will find it to be incredibly simple while offering a powerful assortment of useful features. Program the CW-90X to accept product at set values and then use the checkweigher by relying solely on the bright over/ under lights. A red light displays an under weight condition, yellow is over, and a green light indicates the product is within the specified target.

Rice Lake's CW-90X puts today's demanding checkweighing needs in an exceptionally user-friendly package.

Eliminate the possibility of damaging moisture with the Gore PreVent breather vent.



