CW-90X

OVER/UNDER WASHDOWN CHECKWEIGHER

RICE LAKE®
W E I G H I N G   S Y S T E M S

www.ricelake.com

Performance

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

In our commitment to the food processing 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 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.

CW-90X

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.

WeighVault® for CW-90/CW-90X

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

Excel is a registered trademark of Microsoft® Corporation.

e Under Extreme Pressure

Durable

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 majority of applications.

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

The CW-90X also features the unique Gore® PreVent® 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, hands down.

Practical

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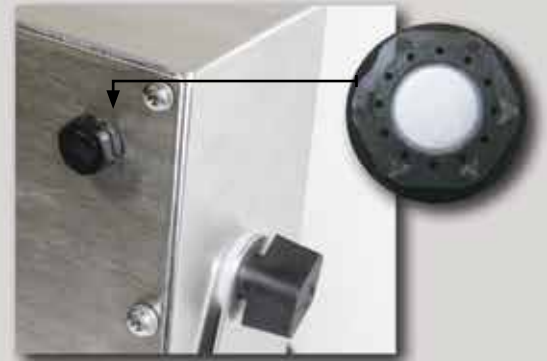
When a standard size scale base or column doesn't quite fit your needs, Rice Lake is positioned to deliver a custom solution that's quick and cost effective for nearly any weighing application.

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.

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.

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

CW-90X

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CW-90X is designed for easy cleaning in the food processing industry and has NSF approval.

NSF

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® 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

POWER AC:	Line voltages: 115/230 VAC Frequency: 50/60 Hz Fused at 2.5 A
POWER CONSUMPTION:	1.5 A at 115 VAC (8W), 0.75 A at 230 VAC (8W)
EXCITATION VOLTAGE:	+5VDC 8 x 350 Ω or 16 x 700 Ω load cells
ANALOG SIGNAL INPUT RANGE:	-0.5 mV/V + 4.5 mV/V
ANALOG SIGNAL SENSITIVITY:	0.3 µV/graduation minimum, 1.5 µV/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 2 cm, 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: -10º C to 40º C
RATING MATERIAL:	IP69K, stainless steel
DISPLAY RESOLUTION:	100,000 graduations maximum
LOAD CELL:	IP69K, stainless steel hermetically sealed
WARRANTY:	Three-year limited warranty

115 VAC OR 230 VAC

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

230 VAC CE marked/OIML approved

		Platform Dimensions	Column Height
3 kg	3 kg x 0.001 kg	254 mm x 254 mm x 108 mm	305 mm
6 kg	6 kg x 0.002 kg	254 mm x 254 mm x 108 mm	305 mm
15 kg	15 kg x 0.005 kg	254 mm x 254 mm x 108 mm	305 mm
15 kg	15 kg x 0.005 kg	305 mm x 305 mm x 108 mm	305 mm
30 kg	30 kg x 0.01 kg	305 mm x 305 mm x 108 mm	305 mm
60 kg	60 kg x 0.02 kg	305 mm x 305 mm x 108 mm	305 mm

Custom sizes available

APPROVALS

NTEP — *Measurement Canada Approved* — OIML — NSF — c UL us LISTED — CE

R76/2006-GB1-10.02
European Test Certificate GB1385
European EC Type-Approval T5692
Accuracy Class III nmax : 10,000

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