CW-90X OVER/UNDER WASHDOWN CHECKWEIGHER

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

Complete your washdown needs with the best industrial weighing equipment available.

**RoughDeck QC Floor Scale**
This direct thermal/thermal transfer stainless steel label printer offers twice the protection, speed and features of any forerunner. The armor-like stainless steel enclosure seals out water and humidity, achieving an IP69K rating.

**SST3 Washdown Printer**

**RL1700HE Weigh Module**
Durable stainless steel construction and a hermetically sealed stainless steel load cell make the RL1700HE the weigh module of choice for any washdown application. The self-checking RL1700HE weigh module is available with NTEP or OIML approved load cells.

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**Standard Features**

**Indicator:**
- Piezo keypad consisting of ZERO, UNITS, PRINT, TAKE, 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
- Optional communications: Ethernet, USB or Fiber Optic
- Four configurable digital I/Os
- Reflash memory to upgrade firmware

**Scale:**
- IP69K, stainless steel hermetically sealed load cell
- 304 stainless steel
- Five-point overload protection

**Specifications**

- **Power AC:** Line voltages: 115/230 VAC
- Frequency: 50/60 Hz
- Fused @ 2.5 A
- **Power Consumption:** 1.0 A @ 115 VAC (9W), 0.75 A @ 230 VAC (9W)
- **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 0.8 in, 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, G/B, N, T, PT, neg, motion

**Operating Temperature:** Legal: 14°F to 104°F (-10°C to +40°C)

**Rating Materials:** IP69K, stainless steel

**Display Resolution:** 100,000 graduations maximum

**Warranty:** Three-year limited warranty

**Approvals**

**Rice Lake Weighing Systems distributor is:**

230 W. Coleman St. • Rice Lake, WI 54868 • USA
TEL: 715-234-9171 • FAX: 715-234-6967 • www.ricelake.com

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Specifications subject to change without notice.
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 certification, 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.

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 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 integrate a group of production lines for data collection.

When a standard size 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.

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.
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**Measurement Canada**
- Approved
- Pending

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