

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

QC stands for *quick clean*. RoughDeck QC stainless steel floor scales are the best scales for food, chemical and other frequent washdown applications. Unique dual gas-shock design provides easy opening and gentle closing.



SST3 Washdown Printer

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 a NEMA 4X rating.



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 and OIML approval.



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
- Optional communications: Ethernet, USB or Fiber Optic
- Four configurable Digital I/Os
- Reflash memory to upgrade firmware

Scale:

- IP69, stainless steel hermetically sealed load cell
- 304 stainless steel
- Five-point overload protection

Specifications

Power AC:	Line voltages: 115/230VAC Frequency: 50/60Hz Fused @ 2.5A
Power Consumption:	1.5A @ 115VAC (8W), 0.75A @ 230VAC (8W)
Excitation Voltage:	+5VDC 8 x 350Ω or 16 x 700Ω load cells
Analog Signal Input Range:	-0.5mV/V + 4.5mV/V
Analog Signal Sensitivity:	0.3μV/graduation minimum, 1.5μV/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, G/B, 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:	IP69, stainless steel hermetically sealed
Warranty:	Three-year limited warranty

Approvals



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Facing Extreme Environments

The Extreme Keypad

Made to withstand sharp knife-point contacts and resist contaminants and liquids, Rice Lake's CW-90X features a piezo keypad which is unique to the industry. It's the toughest keypad available without any moving parts that might breakdown or cause failures. The CW-90X's unique and durable piezo keypad will keep your production line running longer.

The Extreme Scale and Indicator

The Rice Lake CW-90X checkweigher features a hermetically sealed load cell, stainless steel construction, and an IP69K rating to survive repetitive, harsh washdown treatments. The CW-90X is guaranteed to withstand the rigors of any production process, and will help meet all your HACCP and food industry requirements.

NSF Approval

In our commitment to the food processing industry the CW-90X is 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 insure the highest quality equipment is used for food manufacturing purposes.



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



By accessing Bright through the menu you can adjust the brightness of the display to suit your environment.



CW-90X's tough piezo keypad will reduce production line downtime.

Performance under Xtreme Pressure

CW-90X

Food manufacturing environments require rugged and dependable equipment like Rice Lake's CW-90X checkweigher. Built to withstand rough handling and extreme washdown requirements, the CW-90X will enhance productivity. Maintain profits with the most dependable and durable equipment in the industry.



Extremely Practical

In Legal-for-Trade applications, an audit trail for purposes of authenticity is critical. The Rice Lake CW-90X checkweigher has a built-in audit trail. Should a service call be required, a technician can configure and calibrate without having to open the unit to access the configuration switch, minimizing the chance of dust or moisture entering the unit. Instead, the audit trail feature will maintain a record of any changes made through the front panel. When inspection is necessary, state inspectors will be able to detect, reference, and even print the audit trail record. All configuration and calibration changes are logged to prevent potential misuse. The audit trail feature will ultimately reduce overall cost of ownership for the entire checkweigher system.

Extremely Simple

Through a simple procedure executed through the Menu button, maintenance and troubleshooting can be performed on or off-site—all through the front of the CW-90X indicator, allowing a test of keypad, raw counts and more.

Extremely Easy

By adding Revolution[®] III to your PC and connecting to your checkweigher, the CW-90X becomes even easier to configure. Revolution III from Rice Lake provides a print formatting grid with a tool bar, allowing the operator to easily make changes. Using Revolution III, you can type text directly into the grid, then select fields from

the tool bar and place them where you want them to appear on the printed ticket. The CW-90X has the capacity to store up to 50 individual IDs to recall previously set information. It can also be used with optional Ethernet, USB and Fiber Optic ports to integrate a group of production lines for data collection.

Extremely Durable

The CW-90X is built for the demanding heavy-duty environments of today's food processing industry. The five-point overload system insures that a load stop is engaged prior to the cell being overloaded and possibly damaged. We've built it with a sturdier column and equipped it with our durable stainless steel scales. We specialize in meeting our customers' needs, so if a custom size scale or column is required Rice Lake can deliver. The CW-90X's cord grips ensure proper sealing. Our connectors provide constant pressure between the CPU board and load cell cables avoiding a possible loose connection point.

Our Gore[®] PreVent[®] breather vent with GORE-TEX[®] material allows the indicator unit to breathe and release trapped steam and humidity that leads to indicator failure and poor performance. The customer-driven design of Rice Lake's CW-90X is built to outlast the competition, hands down.

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.

