

# CW-90X Checkweigh Indicator

**RICE LAKE**  
WEIGHING SYSTEMS

As of: Wednesday, May 14, 2025



## Standard Features

- PreVent™ breather vent
- Storage for up to 50 IDs
- Unit of measure: kg, gm, lb, oz, lb/oz
- LED display
- 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
- Auto print capability
- Battery backed up time and date
- Accumulator
- Piezo keypad consisting of zero, units, print, tare, over, under, ID, target, enter, menu, power

## Approvals



Measurement  
Canada  
Approved



Facing Hostile Environments

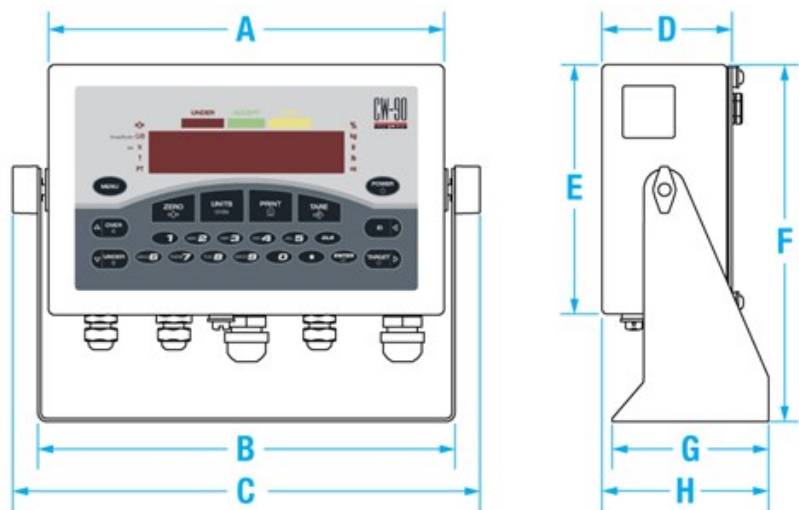
Made to withstand sharp knife-point contacts as well as contaminants and liquids, Rice Lake’s CW-90X features an amazingly tough piezo keypad. Its extra-strength material is the most durable in the industry, ensuring your scale will continue to work through any challenge.

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.

CW-90X Checkweigh Indicator Specifications

<p><b>Power:</b> Line voltages: 115 to 230 VAC Frequency: 50/60 Hz</p> <p><b>Power Consumption:</b> 1.5 A at 115 VAC (8 W) 0.75 A at 230 VAC (8 W)</p> <p><b>Excitation Voltage:</b> +5 VDC 8 × 350 ohm or 16 × 700 ohm load cells</p> <p><b>Analog Signal Input Range:</b> -0.5 mV/V to 4.5 mV/V</p> <p><b>Analog Signal Sensitivity:</b> 0.3 uV/graduation minimum 1.5 uV/graduation recommended</p> <p><b>A/D Sample Rate:</b> 7.5 to 960 Hz software selectable</p>	<p><b>Resolution:</b> Display: 100,000 counts</p> <p><b>System Linearity:</b> ± 0.01% full scale</p> <p><b>Digital I/O:</b> Four channels on CPU board</p> <p><b>Circuit Protection:</b> RFI, EMI, ESD protection</p> <p><b>Annunciators:</b> Designators for percent, kg, gm, lb, oz, center of zero, G/B, N, T, PT, neg, motion</p> <p><b>Display:</b> Large 0.8 in 14-segment, six-digit high-intensity red LED display</p>	<p><b>Keys/Buttons:</b> Piezo keypad, 11 keys with international symbols</p> <p><b>Temperature Range:</b> Certified: 14 °F to 104 °F (-10 °C to 40 °C)</p> <p><b>Rating/Material:</b> IP69K, 304 stainless steel</p> <p><b>Warranty:</b> Three-year limited</p> <p><b>Approvals:</b> NTEP CC 08-092, Class III/IIIL 10,000d Measurement Canada AM-5710 OIML R76/2006-GBI-10.02 TC11569 CE Marked cULus Listed</p>
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# CW-90X Checkweigh Indicator Dimensions



CW-90X Indicator Dimensions					
A	9.5 in (241 mm)	D	3.12 in (79 mm)	G	3.75 in (95 mm)
B	10.02 in (255 mm)	E	6.00 in (152 mm)	H	4.00 in (102 mm)
C	11.24 in (285 mm)	F	8.57 in (218 mm)		

## Parts

Part #	Description
105973	Indicator,CW90X 230VAC European Power Cord With Tilt Stand, CE marked/OIML approved
171248	Indicator,CW90X 230VAC Australian Power Cord With Tilt Stand

**www.ricelake.com | 800-472-6703**

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