CW-90

OVER/UNDER CHECKWEIGHER

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The Bench Checkweigher of Choice

Rice Lake's CW-90 bench checkweigher accelerates weighing processes and reduces production downtime—two critical factors to any company's bottom line. Ease of use, real-time data collection and rugged stainless steel construction make the CW-90 the equipment of choice for operators, quality control and maintenance departments. The CW-90 is also competitively priced, making it an appealing solution for all light industrial settings.

Easy to Configure

The CW-90's configuration menu is accessible through the front keypad, eliminating the need to open the indicator and risk exposure to moisture or contaminants. The CW-90 stores detailed information for up to 50 separate IDs, allowing easy recall of previously saved information. For additional storage, optional WeighVault® PC software collects data from single or multiple CW-90s and provides detailed reports that can be exported to Excel®, Word or PDF.

Simple to Use

The CW-90's straightforward operation meets the needs of today's lean manufacturers: Simply watch the over/under lights! Program the unit with specified weight limits and a red light will display an underweight condition, yellow for over and green for target weights. Rice Lake's CW-90 will help error-proof your production process and achieve productivity goals.

STANDARD SIZE AND CAPACITY

		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 in 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 in 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 in 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 in 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 in 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 in x 12 in	12 in

Harsh environments call for an Extreme Solution.

CW-90X
HEAVY WASHDOWN OVER/UNDER CHECKWEIGHER

For heavy washdown environments and HACCP requirements, choose Rice Lake's CW-90X. The over/under CW-90X checkweigher features hermetically sealed load cells, 304 stainless steel and has an IP69K rating to survive daily washdown.

The CW-90X also features the toughest keypad available in the industry today. The unique piezo keypad is made to withstand sharp knife-point contacts, and is resistant to most contaminants and liquids.

STANDARD FEATURES

Indicator:
- Membrane keypad consisting of ZERO, UNITS, PRINT, TARE, OVER, UNDER, ID, TARGET, 0-9, DECIMAL, CLEAR, ENTER, MENU, POWER
- 304 stainless steel, IP66 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/O
- Reflash memory to upgrade firmware

Scale:
- Aluminum, environmentally 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:	1,5 A @ 115 VAC (8W), 0,75 A @ 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, G/B, N, T, PT, neg, standstill
OPERATING TEMPERATURE:	Legal: -10º C to +40º C (14º F to 104º F)
RATING MATERIAL:	IP66, stainless steel
DISPLAY RESOLUTION:	100,000 graduations maximum
LOAD CELL:	Aluminum, environmentally sealed
WARRANTY:	Two-year limited warranty

APPROVALS

NTEP | Measurement Canada Approved | OIML | c(UL)us LISTED | CE | NSF.

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

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SALES AND TECHNICAL ASSISTANCE

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