

Ready-n-Weigh Bench Scale System CW-90XB Scale Base 680 Indicator

RICE LAKE
WEIGHING SYSTEMS

As of: Monday, February 17, 2025



Standard Features

- Package includes scale with IP69K stainless steel hermetically sealed load cell with an indicator and 12-inch column
- Factory calibrated with indicator setup and configured for 5,000 divisions
- Scale includes rubber feet to provide exceptional traction and avoid scratching surfaces along with removable top cover for ease of cleaning
- AC power 100 to 240 VAC
- Full numeric keypad
- LED display suitable for a variety of environments
- Battery backed time and date

Approvals




Measurement
Canada
Approved



- Standard RS-232 serial ports for connecting to a variety of peripherals
- Ethernet TCP/IP




WARNING:
Cancer
and
Reproductive
Harm
California
Proposition
65

Complete Bench Scale Package with CW-90XB Light-capacity Bench Scale and 680 Synergy Series Indicator

Rice Lake's CW-90XB light-capacity bench scale is made with an IP69K stainless steel hermetically sealed load cell and 304 stainless steel construction. This bench scale meets HACCP requirements and is engineered according to sanitary design principles. The CW-90XB is available in capacities up to 100 pounds.

This package pairs the 680 Synergy Series digital weight indicator with the CW-90XB. Rice Lake's 680 has an LED display, battery-backed time and date, and a full numeric keypad with multiple communication ports. Constructed with durable 304 stainless steel and able to withstand harsh washdowns, the 680 maximizes process efficiency in virtually any environment or application.

CW-90XB Bench Scale Specifications

Load Cell, NTEP Certified:

IP69K stainless steel and hermetically sealed

Scale Frame:

AISI304L, straight line finish, Ra = 45 ±10

Temperature:

Compensated:
14 °F to 104 °F (-10 °C to 40 °C)

Scale Construction:

304 stainless steel

Scale Cover:

AISI304L, straight line finish, Ra = 45 ±10

Approvals:

NTEP CC 95-072, Class III 5,000 d
Measurement Canada AM-5082
Load cell is FM approved

Maximum Overload:

180% to 200% depending on capacity

Cable Length:

34 in

Warranty:

Three-year limited (includes water ingress)

Overload Protection:

Five-point, independently adjusted

680 Indicator Specifications

Communication Ports:

Two RS-232 (three-wire)
RS-485/422 (two-wire or four-wire)
Micro USB (device)
Ethernet TCP/IP (10/100)

Status Annunciators:

Eight LED annunciators

Approvals:

NTEP 19-021
Measurement Canada AM-6121C
cULus Listed
CE Marked

Display:

Seven 0.8-inch tall, seven-segment digits

Keys/Buttons:

Flat membrane panel, tactile feel
(18 buttons plus ON/OFF)

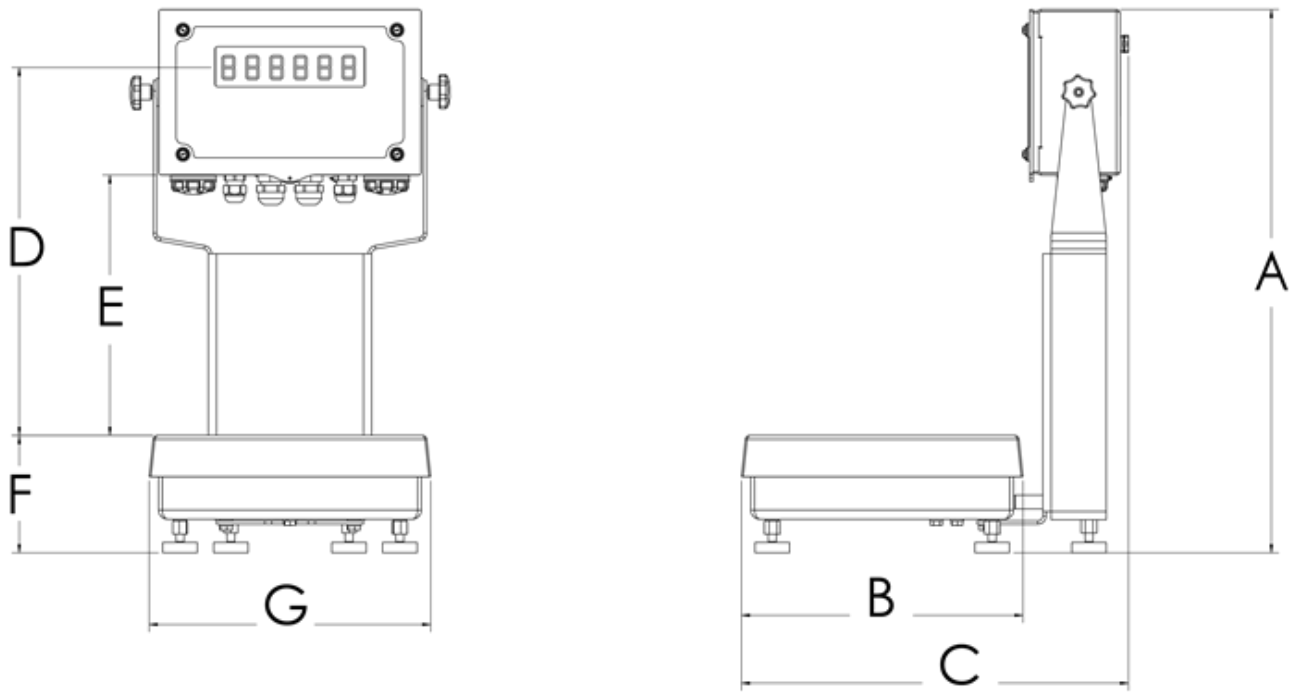
Warranty:

Two-year limited

Rating/Material:

Rating: IP69K (IP66 with RJ45)
Material: AISI 304 stainless steel

CW-90XB Ready-n-Weigh Bench Scale System Dimensions



CW-90XB with 680 indicator

| 680 Synergy | | | |
|----------------------|----------|---|-----------------------------|
| 10 in x 10 in | | | |
| A | 19.56 in | E | 9.31 in |
| B | 10.25 in | F | 4.25 in |
| C | 15.83 in | G | 10.25 in |
| D | 13.31 in | | |
| 12 in x 12 in | | | |
| A | 19.56 in | E | 9.31 in |
| B | 12.25 in | F | 4.25 in |
| C | 16.83 in | G | 12.25 in |
| D | 13.31 in | | <i>Note: 1 in = 25.4 mm</i> |

Parts

| Part # | Description |
|--------|-------------|
|--------|-------------|

680 Package 115-230 VAC, LED, Numeric, US Plug-Type B

| | |
|--------|--|
| 201409 | Scale PKG,CW-90XB-680 US 10x10 5 lb/2.5 kg with 12 inch column 115-230VAC SST US power cord |
| 201410 | Scale PKG,CW-90XB-680 US 10x10 10 lb/5 kg with 12 inch column 115-230VAC SST US power cord |
| 201411 | Scale PKG,CW-90XB-680 US 10x10 25 lb/10 kg with 12 inch column 115-230VAC SST US power cord |
| 201412 | Scale PKG,CW-90XB-680 US 12x12 25 lb/10 kg with 12 inch column 115-230VAC SST US power cord |
| 201413 | Scale PKG,CW-90XB-680 US 12x12 50 lb/25 kg with 12 inch column 115-230VAC SST US power cord |
| 201414 | Scale PKG,CW-90XB-680 US 12x12 100 lb/50 kg with 12 inch column 115-230VAC SST US power cord |

680 115-230 VAC, LED, Numeric, Euro Plug-Type E

| | |
|--------|--|
| 201415 | Scale PKG,CW-90XB-680 EU 10x10 5 lb/2.5 kg with 12 inch column 115-230VAC SST EU power cord |
| 201416 | Scale PKG,CW-90XB-680 EU 10x10 10 lb/5 kg with 12 inch column 115-230VAC SST EU power cord |
| 201417 | Scale PKG,CW-90XB-680 EU 10x10 25 lb/10 kg with 12 inch column 115-230VAC SST EU power cord |
| 201418 | Scale PKG,CW-90XB-680 EU 12x12 25 lb/10 kg with 12 inch column 115-230VAC SST EU power cord |
| 201419 | Scale PKG,CW-90XB-680 EU 12x12 50 lb/25 kg with 12 inch column 115-230VAC SST EU power cord |
| 201420 | Scale PKG,CW-90XB-680 EU 12x12 100 lb/50 kg with 12 inch column 115-230VAC SST EU power cord |

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