CW-90 and CW-90X
Checkweigher Indicator Only

Specifications

Power - AC:
Line voltages: 115-230 VAC
Frequency: 50-60 Hz

Power Consumption:
1.5 A at 115 VAC (8 W)
0.75 A at 230 VAC (8 W)

Excitation Voltage:
+5 VDC 8 x 350Ω or 16 x 700Ω load cells

Analog Signal Input Range:
-0.5 mV/V - 4.5 mV/V

Analog Signal Sensitivity:
0.3 uV/graduation minimum, 1.5 uV/graduation recommended

A/D Sample Rate:
7.5 to 960 Hz software selectable

Resolution:
Display: 100,000 graduations maximum

System Linearity:
± 0.01% full scale

Digital I/O:
Four channels on CPU board

Circuit Protection:
RFI, EMI, ESD protection

Status Annunciators:
Designators for percent, kg, gm, lb, oz, center of zero, G/B, N, T, PT, neg, motion

Display:
Large 0.8 in 14-segment, six-digit high-intensity red LED display

Keys/Buttons:
CW-90: Membrane keypad, 23 keys with international symbols
CW-90X: Piezo keypad, 11 keys with international symbols

Temperature Range
Certified: 14ºF to 104ºF (-10ºC to 40ºC)

Rating/Material:
CW-90: IP66, stainless steel
CW-90X: IP69K, stainless steel

Warranty:
CW-90: Two-year limited warranty
CW-90X: Three-year limited warranty

Approvals:
CW-90: NTEP CC 08-092, **CW-90X:** NTEP CC 08-092, Class III/IIIL 10,000d
Measurement Canada AM-5710
OIML R76/2006-GBI-10.02
EU Test Certificate GB-1385
UL/cUL Listed
CE marked

CW-90

CW-90X

CW-90
Standard Features

- PreVent™ breather vent
- Storage for up to 50 IDs
- Unit of measure: kg, gm, lb, oz, lb/oz
- LED display, 0.8 in, six-digit, 14-segment
- 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
- Membrane keypad consisting of zero, units, print, tare, over, under, ID, target, 0-9, clear, decimal, enter, menu, power
- 304 stainless steel, IP66 rated
- Battery backed time and date

CW-90X
Standard Features

- PreVent™ breather vent
- Storage for up to 50 IDs
- Unit of measure: kg, gm, lb, oz, lb/oz
- LED display, 0.8 in, six-digit, 14-segment
- 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
- Piezo keypad consisting of zero, units, print, tare, over, under, ID, target, enter, menu, power
- 304 stainless steel, IP69 K rated
- Battery backed time and date

Approvals

NTEP

OIML

c (UL) US
LISTED

Measurement
Canada
Approved

CE

NSF

RICE LAKE

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CW-90 Part Number/Price

Part #	Description	Est. Weight	Price
105970†	CW-90, 115 VAC	7 lb	$775.00
105971††	CW-90, 230 VAC, CE marked/OIML approved	7 lb	$775.00
118888†	CW-90, 230 VAC	7 lb	$775.00
171247†††	CW-90, 230 VAC	7 lb	$775.00

CW-90X Part Number/Price

Part #	Description	Est. Weight	Price
105972†	CW-90X, 115 VAC	7 lb	$820.00
105973††	CW-90X, 230 VAC, CE marked/OIML approved	7 lb	$820.00
118889†	CW-90X, 230 VAC	7 lb	$820.00
171248†††	CW-90X, 230 VAC	7 lb	$820.00

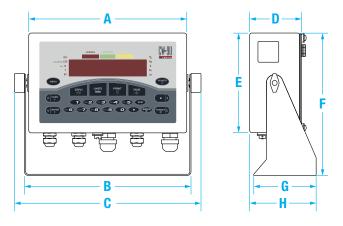† US plug (NA) - Type B   †† Euro Plug - Type E

††† IEC Type I plug

CW-90 and CW90X Options/Accessories

Part #	Description	Price
196407	Ethernet TCP/IP	Consult
108671	Wireless LAN card Wi-Fi 802.11 A/B	$570.00
198500	USB Port (PC connection only)	$175.00
95357	USB cable, Type A to mini-B, 1 m	$10.00
171968	Firmware download cable	$35.00
96736	Fiber optic board	$250.00
78026	Fiber optic, duplex cable 100 ft	$140.00
80892	Fiber optic cutter	$9.00
117358	WeighVault™ (requires part number 77142 or 108671)	$250.00

To have your option factory installed, please specify when placing your order.

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)		