

CW-90 and CW-90X

Checkweigher Indicator Only

Specifications

Power - AC:

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

Power Consumption:

1.5A at 115VAC (8W)
0.75A at 230VAC (8W)

Excitation Voltage:

+5VDC 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: 14°F to 104°F (-10°C to 40°C)

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



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

CW-90

- Membrane keypad consisting of zero, units, print, tare, over, under, ID, target, 0-9, clear, decimal, enter, menu, power
- 304 stainless steel, IP66 rated
- Time and date

CW-90X

- Piezo keypad consisting of zero, units, print, tare, over, under, ID, target, enter, menu, power
- 304 stainless steel, IP69K rated
- Battery backed time and date

Approvals



Measurement
Canada
Approved



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CW-90 Part Number/Price

Part #	Description	Est. Weight	Price
105970 [†]	CW-90, 115 VAC	7 lb	Consult
105971 ^{††}	CW-90, 230 VAC, CE marked/OIML approved	7 lb	Consult
118888 [†]	CW-90, 230 VAC	7 lb	Consult
171247 ^{†††}	CW-90, 230 VAC	7 lb	Consult

CW-90X Part Number/Price

Part #	Description	Est. Weight	Price
105972 [†]	CW-90X, 115 VAC	7 lb	Consult
105973 ^{††}	CW-90X, 230 VAC, CE marked/OIML approved	7 lb	Consult
118889 [†]	CW-90X, 230 VAC	7 lb	Consult
171248 ^{†††}	CW-90X, 230 VAC	7 lb	Consult



[†] NEMA 5-15 plug



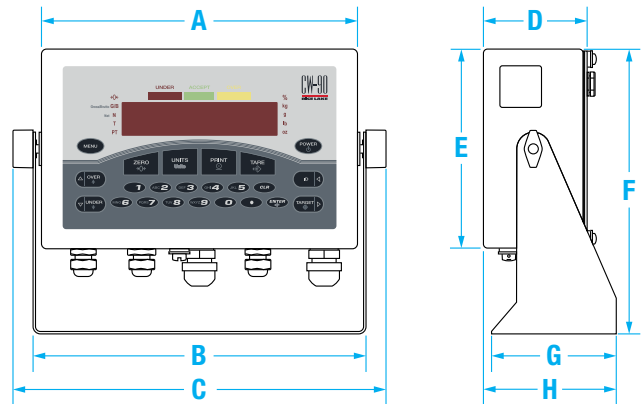
^{††} CEE 7/7 plug (Euro)



^{†††} IEC Type I plug

CW-90 and CW90X Options/Accessories

Part #	Description	Price
77142	Ethernet TCP/IP	Consult
108671	Wireless LAN card Wi-Fi 802.11 A/B	Consult
93245	USB Port (PC connection only)	Consult
95357	USB cable, Type A to mini-B, 1 m	Consult
171968	Firmware download cable	Consult
96736	Fiber optic board	Consult
78026	Fiber optic, duplex cable 100 ft	Consult
80892	Fiber optic cutter	Consult
117358	WeighVault™ (requires part number 77142 or 108671)	Consult



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)		