

# CW-90

Over/Under Checkweigher



## Standard Features

- Membrane keypad consisting of ZERO, UNITS, PRINT, TARE, OVER, UNDER, ID, TARGET, 0-9, CLEAR, DECIMAL, ENTER, MENU, POWER
  - 304 stainless steel, IP66 rated indicator
  - PreVent™ breather vent
  - Storage for up to 50 IDs
  - Unit of Measure: kg, gm, lb, oz, lb/oz (lb/oz is not Legal for Trade)
  - High-intensity LED display
  - Battery backed time and date
  - Two full duplex RS-232 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
- Scale:**
- IP67 Aluminum, environmentally sealed load cell
  - 304 stainless steel
  - Five-point overload protection



## Approvals



Measurement  
Canada  
Approved



## 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)

**Measurement Rate:**

960,480,240,120,60,30,15,7.5 per second

**System Linearity:**

±0.01% full scale

**Digital I/O:**

Four channels on CPU board

**Circuit Protection:**

RFI, EMI, ESD protection

**Display:**

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

**Status Annunciators:**

Designators for %, kg, gm, lb, oz, center of zero, G/B, N, T, PT, neg, motion

**Operating Temperature:**

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

**Rating/Material:**

IP66, stainless steel

**Display Resolution:**

100,000 graduations maximum

**Load Cell:**

IP67 Aluminum, environmentally sealed

**Warranty:**

Two-year limited warranty

**Approvals:**

**Indicator:**

NTEP CC 08-092, Class III/IIIL 10,000 d  
Measurement Canada AM-5710, Class III 10,000 d  
OIML R76/2006-GBI-10.02  
TC GB-1385  
TAC UK2900  
UL and CUL listed  
CE marked

**Scale:**

NTEP CC 95-072, Class III 5,000 d  
Measurement Canada AM-5082, Class III 5,000 d  
NSF

Part Number/Price

Part #	Capacity	Platform Dimensions	Column Height	Est. Weight	Price
<b>115 VAC</b>					
105957†	5 lb x 0.001 lb (2.5 kg x 0.0005 kg) or (80 oz x 0.02 oz)	10 x 10 x 4.25 in	12 in	29 lb	Consult
105958†	10 lb x 0.002 lb (5 kg x 0.001 kg) or (160 oz x 0.05 oz)	10 x 10 x 4.25 in	12 in	29 lb	Consult
105959†	25 lb x 0.005 lb (10 kg x 0.002 kg) or (400 oz x 0.1 oz)	10 x 10 x 4.25 in	12 in	29 lb	Consult
105960†	25 lb x 0.005 lb (10 kg x 0.002 kg) or (400 oz x 0.1 oz)	12 x 12 x 4.25 in	12 in	33 lb	Consult
105961†	50 lb x 0.01 lb (25 kg x 0.005 kg) or (800 oz x 0.2 oz)	12 x 12 x 4.25 in	12 in	33 lb	Consult
105962†	100 lb x 0.02 lb (50 kg x 0.01 kg) or (1,600 oz x 0.5 oz)	12 x 12 x 4.25 in	12 in	33 lb	Consult
<b>230 VAC CE marked/OIML approved</b>					
106123††	3 kg x 0.001 kg	254 x 254 x 108 mm	305 mm	13.2 kg	Consult
106124††	6 kg x 0.002 kg	254 x 254 x 108 mm	305 mm	13.2 kg	Consult
106125††	15 kg x 0.005 kg	254 x 254 x 108 mm	305 mm	13.2 kg	Consult
106126††	15 kg x 0.005 kg	305 x 305 x 108 mm	305 mm	15 kg	Consult
106127††	30 kg x 0.01 kg	305 x 305 x 108 mm	305 mm	15 kg	Consult
106128††	60 kg x 0.02 kg	305 x 305 x 108 mm	305 mm	15 kg	Consult
<b>230 VAC</b>					
118891†	2.5 kg x 0.0005 kg (5 lb x 0.001 lb) or (80 oz x 0.02 oz)	10 x 10 x 4.25 in	12 in	29 lb	Consult
118892†	5 kg x 0.001 kg (10 lb x 0.002 lb) or (160 oz x 0.05 oz)	10 x 10 x 4.25 in	12 in	29 lb	Consult
118893†	10 kg x 0.002 kg (25 lb x 0.005 lb) or (400 oz x 0.1 oz)	10 x 10 x 4.25 in	12 in	29 lb	Consult
118895†	10 kg x 0.002 kg (25 lb x 0.005 lb) or (400 oz x 0.1 oz)	12 x 12 x 4.25 in	12 in	33 lb	Consult
118896†	25 kg x 0.005 kg (50 lb x 0.01 lb) or (800 oz x 0.2 oz)	12 x 12 x 4.25 in	12 in	33 lb	Consult
118897†	50 kg x 0.01 kg (100 lb x 0.02 lb) or (1,600 oz x 0.5 oz)	12 x 12 x 4.25 in	12 in	33 lb	Consult



† NEMA 5-15 plug



†† CEE 7/7 plug

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) cable included	Consult
95357	USB cable, type A to mini-B, 1 meter	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™ for CW-90 software (requires part number 77142 or 108671)	Consult

\* To convert inches to millimeters: Multiply inch measurement by 25.4

