CW-90
Checkweigh Indicator

Approvals

NTEP | Measurement Canada Approved | OIML | EU LEGAL FOR TRADE CERTIFIED | CE | NSF | cULus LISTED

Specifications

Power:
Line voltages: 115 to 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 × 350 ohm or 16 × 700 ohm load cells

Analog Signal Input Range:
-0.5 mV/V to 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 counts

System Linearity:
± 0.01% full scale

Digital I/O:
Four channels on CPU board

Circuit Protection:
RFI, EMI, ESD protection

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:
Membrane keypad, 23 keys with international symbols

Temperature:
Certified: 14 °F to 104 °F (-10 °C to 40 °C)
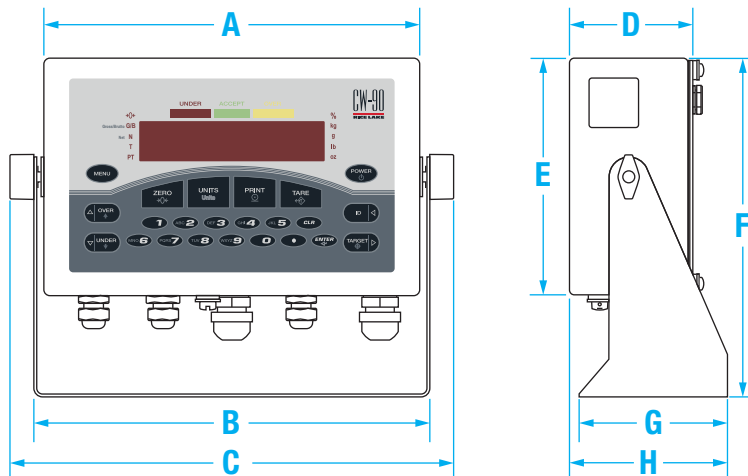
Rating/Material:
IP66, 304 stainless steel

Warranty:
Two-year limited

Approvals:
NTEP 08-092, Class III/IIIL 10,000 d
Measurement Canada AM-5710
OIML R76/2006-GBI-10.02
EU Evaluation Cert TC11569
CE Marked
NSF
cULus Listed

Dimensions

CW-90	
A	9.50 in (241 mm)
B	10.02 in (255 mm)
C	11.24 in (285 mm)
D	3.12 in (79 mm)
E	6.00 in (152 mm)
F	8.57 in (218 mm)
G	3.75 in (95 mm)
H	4.00 in (102 mm)

Standard Features

- Gore-Tex® breather vent
- Storage for up to 50 IDs
- Unit of measure: kg, gm, lb, oz, lb/oz
- LED display
- Two full duplex serial ports
- Configurable print formats
- Audit trail tracking
- Optional communications: Ethernet, USB or fiber-optic
- Four configurable digital I/O
- Firmware is field upgradeable by reflashing memory
- Auto print capability
- Battery backed up time and date
- Accumulator
- Membrane keypad consisting of zero, units, print, tare, over, under, ID, target, 0 to 9, clear, decimal, enter, menu, power

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

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

Options/Accessories

Part #	Description	Price
200578	Ethernet TCP/IP, 10 ft cable included	Consult
206272	RS-232/Wi-Fi interface 802.11 A/B	Consult
95357	USB cable, Type A to mini-B, 1 m	Consult
171968	Firmware download cable	Consult
117358	WeighVault® (requires part number 200578 or 206272)	Consult

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

INDICATORS / CONTROLLERS