

SURVIVOR® CW-80 Over/Under Checkweigher



Approvals



Measurement
Canada
Approved

Meets USDA
Requirements

Standard Features

- Industrial-quality 304 stainless steel construction
- Rugged five-point overload protection on platform bases
- LifeGuard shock-absorbing bases on 6 lb to 100 lb capacities in base sizes up to 12" x 12"
- Highly-durable and corrosion-resistant stainless steel load cell on 6 lb to 60 lb capacities
- Field-proven aluminum load cell on 100 lb to 1,000 lb capacities
- NEMA 4X/IP66 indicator enclosure
- ToughTouch industrial touch-control front panel with keys for over, under, tare, zero, units, print, target and ID
- Front-panel "Independent Key Disabling" for: OVER, UNDER, TARE, PRINT and UNITS keys
- Displays units in decimal lb, kg, oz, lb & oz, g
- High-intensity LED for over, under and accept
- Storage for up to 300 tare and tolerance settings
- Automatic zero tracking
- 115 or 230 VAC operation
- Full duplex RS-232 and/or simplex 20mA current loop communication

Specifications

DISPLAY:

Large 0.8" 7-segment, 6-digit high-intensity red LED display, Decimal point available at each digit

STATUS ANNUNCIATORS:

lb, kg, g, oz, net, motion, center of zero, neg

KEYBOARD:

Eight-key touch control with international symbols

BAR GRAPH:

Five-segment, 7-range programmable multicolored array tracks Over, Under, Accept status in relation to target value

INTERNAL RESOLUTION:

50,000 to 1 million based on filtering selection

DISPLAY RESOLUTION:

Selectable up to 50,000 dd

MEASUREMENT RATE:

25 updates/second

SYSTEM LINEARITY:

0.01% of F.S.

ZERO STABILITY:

100 nV/°C maximum

SPAN STABILITY:

3ppm/°C maximum

AZM (ZERO TRACK):

off, ±.5, 1, 2 or 3 dd

OPERATIONAL AZM:

±2% or 100% F.S

MOTION BAND:

Off, .5, 1, 2, 3, 5, 10 dd

CALIBRATION METHOD:

Software

EXCITATION VOLTAGE:

10 ± .05 VDC, 4 x 350 ohms load cell

DIGITAL FILTER:

Software selectable 1, 2, 4, 8, 16, 32, 64, 128

SENSE AMPLIFIER:

Differential amplifier with 6-wire sensing

RFI PROTECTION:

Signal, excitation and sense lines protection. 33V/m for 100 kHz to 1 GHz, ≤1 μV susceptibility

DIGITAL OUTPUTS:

(Optional) 3 TTL outputs (5VDC) or 3 N/O relays (10 watts, 0.5 amp, 100 VDC) or 3 N/C relays to (10 watts, 0.5 amp, 100 VDC)

EPD PORT:

Full duplex, RS-232 or 20 mA simplex output (RS-485 optional)

LINE VOLTAGES:

Available in 115 or 230 VAC (nom.) models

FREQUENCY:

50 or 60 Hz

OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

INDICATOR DIMENSIONS:

9.5" W x 8.5" H x 3.25" D
(241 mm x 216 mm 83 mm)

APPROVALS:

System approved to 3,000 divisions, NTEP-certified per H-44; Indicator, 10,000d, Class III/IIIL, CC #96-118A1, Base, CC #96-107. Measurement Canada approved: Indicator, AM-5146, Base, AM-5156, OIML certificate #R76/1992-DE-97.02, UL & C-UL listed, CE marked

WARRANTY:

Two-year limited warranty

OVERALL DIMENSIONS (APPROX):

