

## 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 1b to 100lb capacities in base sizes up to 12h x 12h
- Highly-durable and corrosion-resistant stainless steel load cell on 6lb to 60lb capacities
- Field-proven aluminum load cell on 100 to 1,000lb 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 and 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/AC operation
- Full duplex RS-232 and/or simplex 20A current loop communication

### SPECIFICATIONS

#### DISPLAY:

Large 0.8 in 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:

3 ppm/°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 100kHz to 1 GHz, ≤1 μV susceptibility

#### DIGITAL OUTPUTS:

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

#### EPD PORT:

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

#### LINE VOLTAGES:

Available in 115 or 230 VAC (nom.) models

#### FREQUENCY:

50 or 60Hz

#### OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

#### INDICATOR DIMENSIONS:

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

#### APPROVALS:

System approved to 3,000 divisions, NTEP Certified per H-44; Indicator, 10,000 d, 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 and C-UL listed, CE marked

#### WARRANTY:

Two-year limited warranty

