SURVIVOR® CW-80

Over/Under Checkweigher



APPROVALS











STANDARD FEATURES

- Industrial-quality 304 stainless steel construction
- Rugged five-point overload ptection on platform bases
- LifeGuard shock-absorbing bases on 16 to 100b capacities base sizes up to 12h x 12h
- Highly-durable and consion-resistant stainless steel load c ell on 6lb to 60lb capacities
- Field-poven aluminum load cell on 1010 to 1,000to capacit
- NEMA 4X/IP66 indicator encloser
- Tough Touch industrial touch-contr 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 overander and accept
- Storage for up to 300 tarand tolerance settings
- Automatic zeo tracking
- 115 or 230/AC operation
- Full duplex RS-232 and/or simplex 200A 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:

3ppm/°C maximum

AZM (ZERO TRACK):

off, ±.5, 1, 2 or 3dd

OPERATIONAL AZM: ±2% or 100% F.S

MOTION BAND:

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

CALIBRATION METHOD:

Software

EXCITATION VOLTAGE:

 $10 \pm .05$ VDC, 4×350 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. 33 V/m for 100 kHz to 1 GHz, ≤1 µV susceptibility

DIGITAL OUTPUTS:

(Optional) 3 TTL outputs (5 VDC) 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:

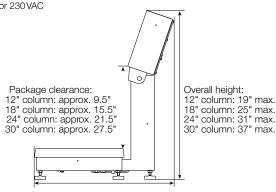
9.5 in W x 8.5 in H x 3.25 in D (241 mm x 216 mm 83 mm)

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. Mea-surement 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



Overall depth:

Overall depth: 10" platform: 14" min., 16" max. 12" platform: 16" min., 18" max. 18" platform: 22" min., 24" max. 24" platform: 28" min., 30" max. min. dimension = indicator fully upright max. dimension = indicator fully tilted





803, Rigga Palace Building, Al-Maktum Ave. P.O.Box 181802 Dubai, UAE Tel.: +97 14 2270081 Fax: +97 14 2239962 rcsco@eim.ae www.rcs-co.com



