

## SURVIVOR® 390HE

Hostile Environment Digital Weight Indicators



### STANDARD FEATURES

- NEMA 4X Fiberglass-Reinforced Polyester (FRP) enclosure
- Bold 1 in Liquid Crystal Display (LCD)
- Universal mounting tabs (replaceable)
- Up to 30 updates/second
- Selectable display update rate
- Five button operation, environmentally protected mechanical switches
- Selectable units
- One communication port, full duplex RS-232
- RATTLETRAP® vibration control

### APPROVALS



### SPECIFICATIONS

#### EXCITATION VOLTAGE:

5 VDC  
Load current: 60mA maximum  
(4 x 350Ω load cells)

#### ANALOG SIGNAL INPUT RANGE:

0.5mV/V - 3.5mV/V

#### ANALOG SIGNAL SENSITIVITY:

0.3 microvolts/graduations minimum

#### MEASUREMENT RATE:

30, 15, 7 1/2, 3 3/4 updates second

#### SYSTEM LINEARITY:

Within 0.01% of FS

#### RESOLUTION:

Internal resolution: 1 million counts  
Display: Selectable up to 100,000 dd

#### DISPLAY:

1 in (25 mm) LCD Display,  
Decimal point available at each digit

#### STATUS ANNUNCIATORS:

Tare, entered tare, standstill, net, gross,  
center of zero, minus sign, lb, kg

#### FRONT-PANEL:

5-button rubber-booted SURVIVOR® watertight  
switches

#### CIRCUIT PROTECTION:

ESD, EMI, RFI protected

#### SERIAL OUTPUT:

Printer port: RS-232 full duplex  
7 or 8 data bits; even, odd or no parity  
Baud rates: 300 to 19200

#### POWER:

Line voltages: 115 or 230 VAC  
Frequency: 50/60 Hz  
Power consumption: 25 W maximum

#### OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

#### RATING/MATERIAL:

NEMA 4X FRP

#### WEIGHT:

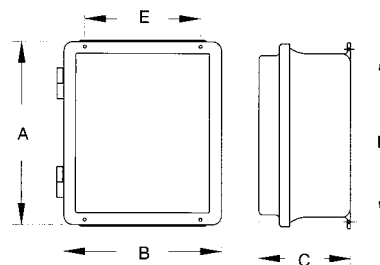
Approximately 17lb (7.2 kg)

#### APPROVALS:

390HE: NTEP - at 10,000 Divisions, Class III/III,  
CC# 98-203A2.  
Measurement Canada approved, AM-5300

#### WARRANTY:

Two-year limited warranty



DIMENSIONS			
<b>A</b>	10.50 in (267 mm)	<b>D</b>	10.00 in (254 mm)
<b>B</b>	8.50 in (216 mm)	<b>E</b>	8.00 in (203 mm)
<b>C</b>	6.00 in (152 mm)		

## **SURVIVOR® 390HE**

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<b>PART #</b>	<b>DESCRIPTION</b>	<b>EST. SHIP WEIGHT</b>	<b>PRICE</b>
53517.....	SURVIVOR 390HE 115VAC.....	17 lb .....	Consult factory

### **OPTIONS/ACCESSORIES**

30911.....	Additional mounting tabs (set of 4).....		Consult factory
92777.....	Filter, PreVent™ vent kit.....		Consult factory

### **Primary Component Parts**

76205.....	Board assembly, CPU/display .....		Consult factory
53543.....	AC power supply .....		Consult factory