



A member of the
Avery Weigh-Tronix Group

Model 250X Weight Indicator



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The Model 250X Indicator is the solution for applications that require high pressure and high temperature cleaning with water and solvents. The food-grade composite enclosure with its IP69K protection rejects ingress of moisture during the cleaning process of high pressure (1450 PSI) and high temperature (176° F).

The Model 250X is ideal for food processing applications. The enclosure is an innovative blend of high-impact, food-grade plastic; preferred over stainless steel because condensation will not form, and it does not expand or contract when exposed to extreme shifts in temperature.

The fascia is one continuous piece with a built-in, ridged keypad – rendering it impossible for any moisture to enter through the keypad. The keys do not move, they are actuated by touch.

The Model 250X Indicator is a general purpose device, featuring a 6 digit LCD backlit display, 6 key capacitive keypad with programmable function key, and bright red, green and yellow Over/Pass/Under annunciator lights for checkweighing or single set point.

For Extreme Environment
Applications

Stops water in its
tracks, Hot or Cold.

FEATURES

- 6 Capacitive Keys: Power, Zero, Tare, Gross/Net, Print and one programmable Function key.
- Food-Grade, High-Impact Enclosure
- Built-In Checkweighing Functionality
- IP69K Enclosure Rating
- High Temp, High Pressure Washdown
- AC, DC with Internal Battery, and DC Input Only
- RS-232 Serial Output
- GSE-Link for Infrared Communication
- NTEP Certified, CE Approved

Precision Weighing in Extreme Applications.

Specifications: Model 250X Weight Indicator

Performance	
Resolution	Up to 30,000 divisions, minimum of 0.25 μ V/division
Zero Cancellation	\pm 2.0 mV/V
Span Adjustment	0.1 mV/V to 3.0 mV/V full scale
Stability / Drift	Zero: < 0.1 μ V/ μ C (+ 8 ppm of deadload max)
Excitation	5 volts for up to 4 x 350 or 8 x 700 Ohm load cells (4 or 6 wire plus shield). Maximum load cell resistance: 1000 Ohm
A/D Type	24 bit Sigma Delta with \pm 8,388,608 internal counts
A/D Conversion Rate	20 Hz with FIR filtering > 80 db
Operation Environment	Temperature: 14 °F to 122 °F ambient (-10 °C to 50 °C)
	Humidity: 100%
	Storage: - 4 °F to 122 °F ambient (-20 °C to 50 °C)
Units	lb, kg, t, g, oz
Setup and Calibration	Full digital with visual prompting
Digital Filter	0.1 to 4.0 seconds
Zero Range	Adjustable from 2 % to 20 % of full capacity
Electrical	
AC	100–240 VAC 50/60 Hz
DC	12 VDC rechargeable NiMH (optional) battery pack
Enclosure	
Material	Food-grade plastic, SS304 stand
Mounting	Desk, wall, column
Dimensions	9.8" (249 mm) x 6.4" (163 mm) x 4.7" (119 mm)
Features	
Display	LED backlit LCD with six 0.8" digits with 8 annunciators including units
Keypad	6-key capacitive; audible tone and light indication
Front Panel	Bright red, green, yellow Over, Pass, Under indication lights
GSE Link	Infra-red connector for optional GSE-Link PC cable (to RS232 or USB PC port)
RS-232 Communication	RS232 automatic transmit, network or printer outputs. Transmission rate: 2400, 4800, or 9600 baud
Setpoints	3 isolated high side drive outputs (400 mA each at 12–24 VDC)
Function Key	Unit switching, counting, manual hold, peak hold, live weight, and accumulation
Battery Backed Time/Date	Battery life 10 years minimum
Linearization	10 point weight linearity correction
Agencies	NTEP Certified, CE Approved
Shipping Weight	4.4 lb

Applications:



Avery Weigh-Tronix

Avery Weigh-Tronix - USA
 1000 Armstrong Drive
 Fairmont, MN 56031- 1439 USA
 usinfo@awtxglobal.com
 Toll-Free: (800) 533-0456
 Phone: (507) 238-4461

Avery Weigh-Tronix - UK
 Foundry Lane, Smethwick
 West Midlands B66 2LP UK
 info@awtxglobal.com
 Phone: +44 (0) 8453 66 77 88
 Fax: +44 (0) 121 224 8183



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