



Model 250X Weight Indicator



The Model 250X IP69K Extreme Washdown Digital Indicator from GSE meets your extreme need for equipment that can handle high pressure 1450 PSI, and high temperature 80 °C (176 °F) cleaning with water, and solvents. The IP69K standard is the unequivocal choice for continuous washdown applications and only recently added by the IEC (International Electromechanical Commission).

With our uncompromising approach to enclosure design, 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. Model 250X stops water in its tracks, hot or cold, with its innovative double o-ring seal.

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 and sensors signal when the keys are actually touched.

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

For Extreme Washdown Applications

Wet Food Processing
Meat Processing & Packing
Viscous Food Manufacturing
Pharmaceutical

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

Solvent-Proof including hydrogen peroxide, alkaline, chlorine bleach, aliphatic hydrocarbons, petrol, oils and greases, dilute acids and bases, detergents and most aqueous salt solutions.

RS-232 Serial Output

GSE-Link for Infrared Communication

CE Approved, NTEP Pending

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Specifications

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
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 MHZ
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
Approvals	CE Approved, NTEP Pending
Shipping Weight	4.4 lb



ISO 9001

Applications:



SPX GSE
 1525 Fairlane Circle
 Allen Park, MI 48101 USA
 Phone: 313-253-1300
 Fax: 313-253-1301
 Toll Free: 800-755-7875
 www.gse-inc.com

Lüripper Straße 62
 41065 Mönchengladbach Germany
 Phone: 0049 (0) 2161-59906-11
 Fax: 0049 (0) 2161-59906-20
 www.gse-europe.de

Your local distributor is: