



## Digital Indicator

# 250Series

**The 250 Series is a multi-purpose digital indicator. It is designed for applications that require portability coupled with fast, accurate weight readings. Enclosure options are available for most environmental requirements.**



This multi-purpose digital indicator is perfect for applications that require portability coupled with fast, accurate weight readings. Featuring the latest Sigma-Delta A/D converter, the Model 250 is DC powered, using four AA batteries that will provide up to 40 hours of continuous operation. An AC power supply adapter is included. The Model 250 Digital Indicator is easily configured via the keypad. The handy (f) function key can be configured to select UNITS of measure, HOLD a weight reading, display an absolute PEAK weight, COUNT parts or stabilize a moving mass with the LIVE WT function. The Model 250 can be panel mounted, used on a desktop or be wall mounted. Enclosure options include the stainless steel NEMA 4X Model 250SS and the Extreme Washdown version Model 250X. For even more functionality with a full 22-key keypad, investigate our Model 255.



255—PROCESS CONTROL



250SS —STAINLESS



250X - WASHDOWN



### APPLICATIONS

- General Industrial Weighing
- Remote Measurements Portability
- Extreme Washdown
- Inventory Monitoring
- Force Measurements

### FEATURES

- 24-Bit Sigma-Delta A/D Converter
- Non-Volatile Time and Date Clock
- Liquid Crystal Display is Backlit
- AC or Battery Operation
- Panel, Wall or Desktop Mounting
- RS232 Serial Port
- Remote Sense/6-Wire Ready
- Handheld Portability
- Ergonomic Design
- IP 65/66/68/69K
- One year Warranty

For more information call **1-888-545-8988**

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## OPERATOR INTERFACE

Display:	0.01-999,999; LCD 6-digit; 7-segment; 0.8" (20 mm) height; with LED backlight
Display Resolution:	30,000d display divisions (dd); min of 0.25uV/division
A/D Type and Conversion:	24-bit; Sigma-Delta A/D converter (8,000,000+ internal divisions) 20Hz with FIR filtering
Keypad:	6-key; Silicon rubber
Zero Range:	Selectable from $\pm 2\%$ to $\pm 20\%$ of F.S.
Units of Measure:	kg, lb, g, t, oz, custom
Remote Input:	1; momentary contact closure; For remote operation of any keypad key

## FUNCTION

Power Requirements:	12-20 VDC or 4 AA batteries; On/Off Key
Signal Connection:	4 or 6 lead (remote sense) plus shield
Bridge Excitation:	5 VDC; Powers 4-350 ohm load cells
Signal Input Range:	0.1-3.0 mV/V

## SERIAL PORT

Serial Ports: Port 1:	RS232 bi-directional serial port
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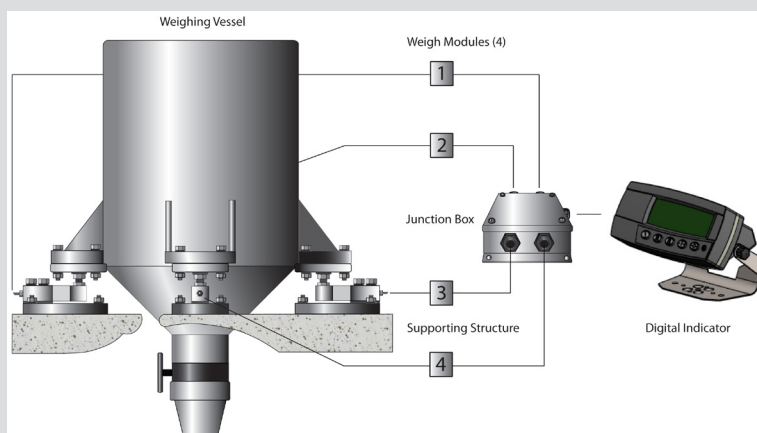
## ENVIRONMENTAL

Baud Rate:	2400, 4800 or 9600 bps with selectable protocol
Operating Temperature:	-10 to +50°C (14 to 122°F)
Enclosure Material:	ABS plastic housing; Silicon rubber keypad (Refer to 250SS Stainless and 250X Washdown data sheets for detailed information on these enclosure types.
Sealing Rating:	NEMA 12; IP51
Weight:	1 lbs

## OPTIONS & ACCESSORIES

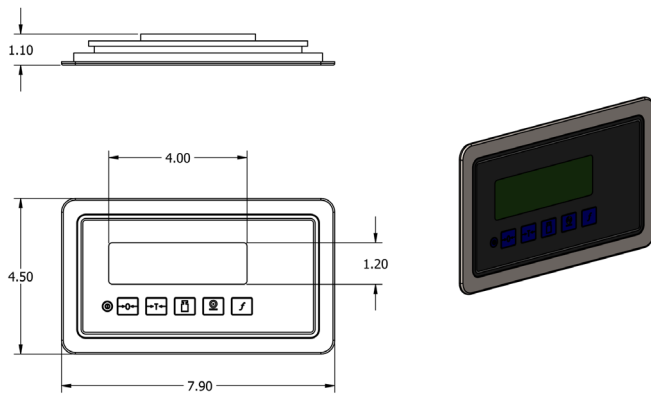
Mounting:	Desktop; Panel (Remove Desk stand); Indicator stand (requires optional stand & bracket)
Column Mount Swivel Bracket:	Swivel brackets allow the indicator to be mounted to standard indicator columns & stands
Desk Stand/Battery Holder:	Required to column mount indicator; One included with indicator
Link Communication Cable:	IR (InfraRed) communication cable; For direct connection to standard computer RS232 port
AC Power Supply Adapter:	100-240 VAC switching power supply; One included with indicator
Documentation:	Operator manual; One included with indicator Quick Start Manual; One included with indicator Technical Reference Manual
Warranty:	2 Year Limited

## Typical Weighing System

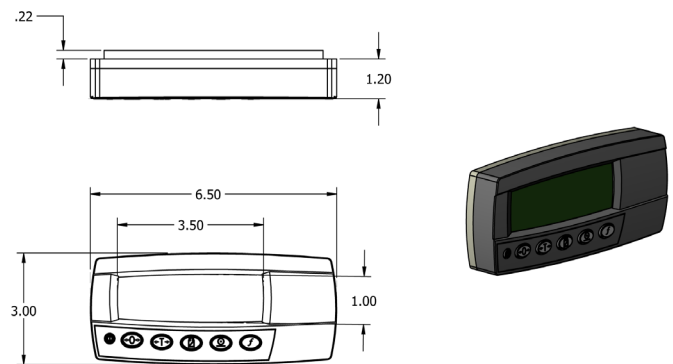




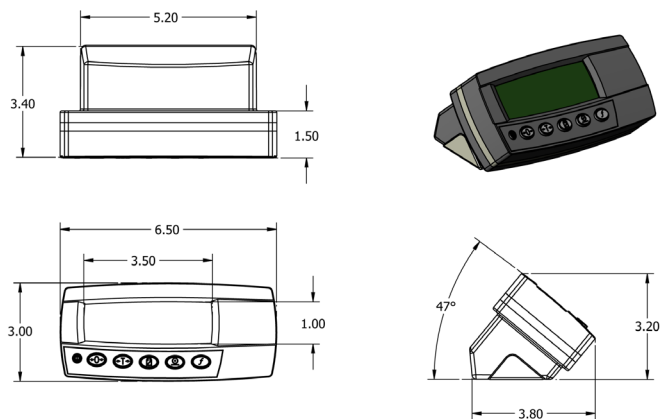
## 250 - Stainless Steel Panel Mount



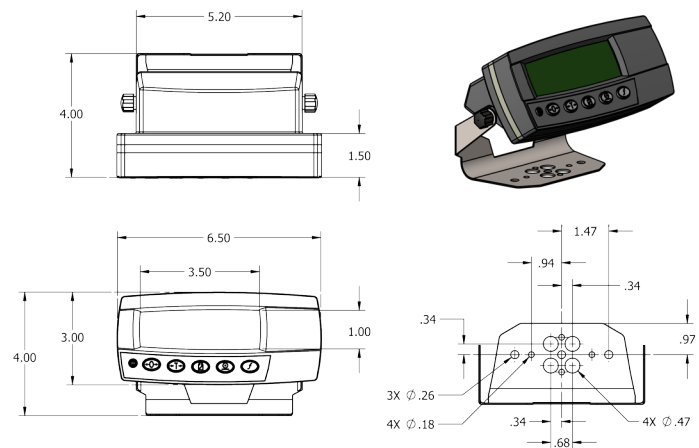
## 250 - Panel Mount



## 250- Desk Stand



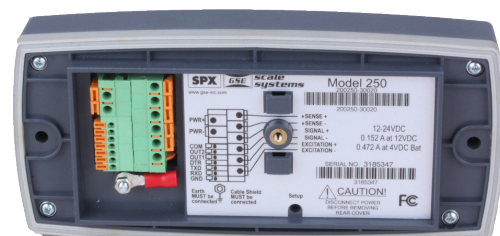
## 250 - Pole Mount



## Battery Compartment



## Back - Connections



## Legal Disclaimer



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