

# 350 Series Digital Indicators

- SELECTABLE WEIGHING UNITS
- NON-VOLATILE TIME AND DATE CLOCK
- LED, LCD, AND LCD BACKLIT DISPLAY
- MANUAL ID ENTRY
- PANEL, BENCH, WALL OR MACHINE MOUNT
- AC OR DC OPERATION



355 Stainless Steel Indicator



350 Stainless Steel Indicator

## FEATURES

- The Model 350 keypad provides 5 key functions: ZERO, PRINT, TARE, UNITS, and SELECT for viewing and controlling weight information.
- The Model 355 provides 5 standard key functions, a numeric keypad, and START, STOP and TARGET keys.
- Setpoint outputs can be manually controlled with START and STOP keys on the Model 355.
- A five point calibration feature improves linear accuracy over the zero to full scale range.
- Turn-Key applications, for filling, dispensing, batching, and checkweighing, accommodate an array of process weighing requirements.
- A 350 Series instrument can be configured to operate as a remote display for a Master indicator or configured for remote control capability. Designed for multi-level applications where operators must have access to and control of weight information.



350 Zinc Die Cast Indicator

# 350 Series

The 350 Series is designed with a simple, yet comprehensive parameter map featuring communication filters, and stability settings; ensuring years of reliability in many applications.

## Applications

- Checkweighing
- Process Control
- Food Processing
- Counting and Inventory Control
- Shipping & Receiving



**Master**



**Remote Display**



### SPX GSE Scale Systems

42860 Nine Mile Road  
Novi, MI 48375 USA  
Phone: 248-596-0600  
Fax: 248-596-0601  
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

## SPECIFICATIONS

PERFORMANCE	SPECIFICATIONS
Full Scale (F.S.)	Selectable 0.01 to 999,990
Resolution	1,000,000d internal, 100,000d displayed
A/D Conversion	60 Hz
Zero Track	Off to 20d
Zero Range	0.01 to 100% of Full Scale
Operating Temperature	-10 °C to +40 °C (14 °F to 104 °F)
Warranty	2 year limited
Units of Measure	kg, lb, g, lb-oz, oz
Non Linearity	0.005 % of F.S., load cell dependent
Time/Date Clock	Non-volatile, battery backed
Remote Input	1 momentary contact closure (100 ms minimum) Tare, Print, Zero
<b>ELECTRICAL</b>	
Power Requirement	Zinc die cast enclosure: 12 - 26 VAC / 12 - 36 VDC Stainless steel enclosure: 90 - 250 VAC / 12 - 36 VDC
Excitation Voltage	10 VDC, short circuit protected, 180 mA, power (6) 350 ohm load cells
Signal Connection	4 or 6 conductors with sense leads
<b>COMMUNICATIONS</b>	
Port 1	RS232 bi-directional serial port or RS485 Opt. or 20mA Opt.
Port 2	Fiber Optic Transceiver
Data Output String	16 fixed format, 1 custom format
Baud Rate	150 - 115K bps
<b>DISPLAY</b>	
LED	6-digit weight display, 0.8" (22 mm) height, 11 LED annunciators
LCD	6-digit weight display, 1.0" (25 mm) height, 11 LCD annunciators. Includes LCD checkweigh / sort bar
<b>ENCLOSURE</b>	
Zinc Die Cast (350)	Black powder coat paint, self-standing on flat surface
Stainless Steel (350/355)	Designed to NEMA 4X, IP65 includes swivel bracket / stand
Dimensions	350 Zinc Die Cast Enclosure: 7.83" L (199 mm) x 2.65" W (67.3 mm) x 5.75" H (146.1 mm) 350 Stainless Steel Enclosure: 8.25" L (209.6 mm) x 3.47" W (88 mm) x 9" H (228.6 mm) 355 Stainless Steel Enclosure: 8.25" L (209.6 mm) x 3.46" W (88 mm) x 8.37" H (212.6 mm)
<b>KEYPAD</b>	
350	5 key, Chemical Resistant elastomeric (rubber)
355	21 key, full numeric, Chemical Resistant elastomeric (rubber)
<b>OPTIONS</b>	
Analog Output Module	0 - 10 VDC, 0 - 20 mA, 4 - 20 mA, mounts internally
Relay Output Module	Three (3) solid-state relays, mounts internally Display annunciators indicate output status.
Wall Mount	Swivel bracket / stand for zinc die cast enclosure
Panel Mount Kit	Mounts zinc die cast enclosure to user panel
Battery Operation	Portable applications, includes battery and charging circuit
RS485 Module	Isolated multi-drop w/ 251 devices max, half or full duplex up to 4000 feet, 115K bps max
20 mA Current Loop	Isolated TX-Active or Passive, RX-Passive, 115K bps max, 12 VDC, 1000 feet
<b>APPROVALS</b>	
	NTEP COC # 98-092A3
	Measurement Canada # AM-5257 (Model 350), AM-5518 (Model 355)
	PTB # D03-09-015
	CE
	ETL

### Your local distributor is:

TENSION MEASUREMENT, INC.

TEL: (303) 465-1011

FAX: (303) 466-9761

E-Mail: TENSION@TENSION-MEASUREMENT.COM

