

# 250/350 Series



## Weight-Based Indicators



# Smart Weighing Solutions

GSE renders logical solutions for your application needs with the 250/350 Series Digital Indicators. Programmable function keys, built-in features, and expandable options make this series comprehensive yet uncomplicated. Software simplifies setup. Modules install with a snap. Features are streamlined.

With simple integrity and our highest standards, the 250/350 Series is the smart weighing solution for basic needs.

## 250 Series



**Model 250/255 Indicators** are excellent choices for general purpose applications. With **GSE Link** (optical communications support) and easy to learn **GSE View** PC software, configuration and calibration is quick and simple.

- Real Time Clock Calendar
- LCD with LED Backlight
- Desk, Panel, Wall, or Column Mount
- AC or Battery Operation

The **Model 250 Indicator** is perfect for fast and accurate weight readings. Configure the Function Key for Units, Peak, Accumulation, Hold, and Live Weight or disable the Function Key to simplify operation.

### FEATURES

- 2 Setpoints
- 4–350 Ohm Load Cells
- 12–24 VDC Standard Power Adapter (included) or use 4 AA batteries (not included)
- Also available in Stainless Steel
- Model 250 Remote Display Option

### APPROVALS

250 : NTEP, CE, PTB Approved  
255 : NTEP, CE Approved

The **Model 255 Indicator** has great expandability with the unique optional BUS system for simplified “snap-in” installation of additional serial, analog, and relay modules. 3 assignable function keys for Printing, Unit Switching, Counting, Manual Hold, Peak Hold, and Totalizing (Accumulating). 16 Button keypad, and 8 Setpoints. The LCD display allows for 4 alphanumeric lines of data.

### FEATURES

- 8 Setpoints
- 16–350 Ohm Load Cells
- 12–24 VDC Standard Power Adapter
- AC Power Supply Module
- 10 Point Linearity Correction
- Advanced Printing Functionality
- Sampling at 25.50 Hz
- 16 Button Keypad
- “SNAP” Keyboard replaces easily
- Serial, Analog and Relay Module Options
- Response Time <10 ms
- On Board RS232 Bidirectional
- On Board RS485 Transmit Only
- Counting/Piece Weight
- 10 Product Storage

# 350 Series

The **Model 350 and 355 Stainless Steel Indicators** 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. Also available in Zinc Die Cast.

## FEATURES

- Non Volatile Time and Date Clock
- Manual ID Entry
- LED, LCD, and LCD Backlit Display
- Selectable Weighing Units
- NTEP, Measurement Canada, PTB, CE, ETL Approved
- Filling, Dispensing, Batching, and Checkweighing
- Manually controlled setpoint outputs
- Five Point Calibration improves linear accuracy
- 350/355 SS: Bench, Wall, Column, or Machine Mount
- 350 ZDC: Bench, Wall, Column, Machine, or Panel Mount
- AC or DC Operation
- Also available in Zinc Die Cast

## OPTIONS

- 20 mA Current Loop
- Analog Output Module
- Relay Output Module
- Battery Operation
- RS485 Module



For additional approval information, please visit our website at [www.gse-inc.com](http://www.gse-inc.com)



## SOFTWARE

**ADAPT 300 PC Software** from GSE simplifies the indicator programming process. Configurations can be saved after programming only once; saving time and preventing redundancy. With the GUI interface, easily set custom transmits, setpoints, transmit types, analog outputs, Start, Stop, and Target keys, and more.

## APPLICATIONS

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

# Specifications

	Model 250	Model 255	Model 350/355 & 350 ZDC
<b>PERFORMANCE</b>			
Full Scale (F.S.)	0.01 TO 99,950	0.01 TO 99,990	Selectable 0.01 to 999,990
Resolution	30,000d ext. divisions, min. of 0.25 $\mu$ V/d	Up to 100,000d min. of 0.25 $\mu$ V/d	20 Bit A/D Converter 100,000d Displayed, 1,000,000d Internal
A/D Conversion	24-bit A/D converter with 8,388,608 internal counts	24-bit A/D converter with 8,388,608 internal counts	60 Hz
Zero Range	Selectable $\pm$ 2% to $\pm$ 20% F.S.	Selectable $\pm$ 2% to $\pm$ 20% F.S.	Selectable 0.01% to 100% F.S.
Zero Track	Selectable off, slow, fast	Selectable off, slow, fast	Selectable off to 20d
Operating Temperature	14 °F to 122 °F (-10 °C to 50 °C)	14 °F to 122 °F (-10 °C to 50 °C)	14 °F to 122 °F (-10 °C to 50 °C)
Units of Measure	kg, lb	kg, lb, g, t, custom	kg, lb, g, lb-oz, oz
Warranty	2 Year Limited	2 Year Limited	2 Year Limited
<b>ELECTRICAL</b>			
Power Requirement	12–24 VDC or 4 AA batteries, On/Off Key	12–24 VDC Standard Power Adapter	St. Steel: 90–250 VAC/12–36 VDC, Zinc DC (350): 12–26 VAC/12–36 VDC
Excitation Voltage	5 volt	7.4 volt	10 VDC, short circuit protected
Excitation Current	(4) 350 Ohm	(16) 350 Ohm	180 mA, power (6) 350 Ohm bridge
F.S. Signal Input	0.1–3.0 mV/V	0.1–3.0 mV/V	0.1–20 mV/V
Load Cell Connection	4 or 6 Lead plus shield	4 or 6 Lead plus shield	4 or 6 Conductors with sense leads
<b>CONTROL</b>			
Remote Input	1 Momentary Contact: TARE, PRINT, ZERO, GROSS/NET, or FUNCTION key	8 Momentary Contacts: Assignable function keys for PRINTING, UNIT SWITCHING, COUNTING, MANUAL HOLD, PEAK HOLD, and TOTALIZING	1 Momentary Contact, (100 ms minimum): TARE, PRINT, ZERO
Setpoints	2	8	3
<b>ENCLOSURE</b>			
Material	ABS Plastic (panel mount option) or Stainless Stl Face Plate (panel mount option)	ABS Plastic	Stainless Steel NEMA 4/IP 65 Design (350/355) Zinc Die Cast (350 ZDC)
Mounting	Desk, Panel, Wall, or Column	Desk, Panel, Wall, or Column	350/355 SS: Bench, Wall, Column, or Machine (also Panel Mount for 350 ZDC)
Dimensions (L x W x H)	6.5" (164 mm) x 3.8" (97 mm x 3.2" (81 mm)	9.69" (246 mm) x 4.92" (125 mm x 4.77" (121.1 mm)	350 SS: 8.25v (209.6 mm) x 3.47" (88 mm) x 9" (228.6 mm) 355 SS: 8.25" (209.6 mm) x 3.46" (88 mm) x 8.37" (212.6 mm) 350 ZDC: 7.83" (199 mm) x 2.65" (67.3 mm) x 5.75" (146.1 mm)
<b>DISPLAY</b>			
LED	N/A	N/A	6 Digit
LCD	6 digit with LED Backlight	LCD Display w/4 alphanumeric displays and LED Backlight	6 Digit Includes LCD Checkweigh/Sortbar
Annunciators	On Display	On Display	11 LED/LCD for operational status
<b>COMMUNICATION</b>			
Comm 1	RS232 Bidirectional serial port	RS232 Bidirectional serial port	RS232 Bidirectional serial port or RS485 opt. or 20 mA opt.
Comm 2	N/A	RS232 Bidirectional serial port or RS485	TTL Port for optional Fiber Optic Module
Keypad	6 Key (1 programmable function key) Silicon Rubber	23 Key (3 programmable function keys) Silicon Rubber	5 or 12 Key Chemical Resistant Elastomeric (Rubber)
Approvals	NTEP, CE, PTB	NTEP, CE	350 SS: NTEP, CE, ETL 355 SS: NTEP, PTB, CE, ETL 350 ZDC: NTEP, PTB, ETL

Your local distributor is:



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