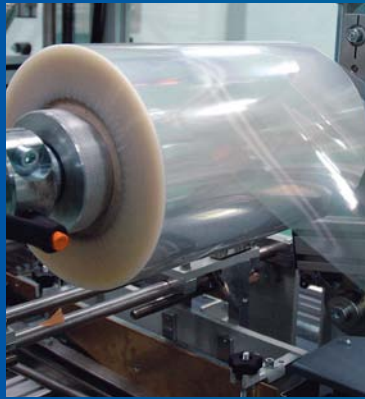




A member of the
Avery Weigh-Tronix Group

250, 255, 350, 355



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 Ω Load Cells
- 12–24 VDC Standard Power
AC Wall Mount Power or uses 4 AA batteries (not included)
- **Also available in Stainless Steel**
- Model 250 Remote Display Option

AGENCIES

Model 250 Indicator: NTEP Certified, CE, PTB Approved

Model 255 Indicator: NTEP Certified, 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 Ω 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** are designed for multi-level applications where operators require access to and control of weight information. The 350 is available with a Zinc Die Cast enclosure for applications that do not require a stainless steel enclosure. These indicators can be configured to operate as a remote display and can be configured to perform remote control capabilities of the connected host 350/355 indicator.

APPLICATIONS

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

SOFTWARE

ADAPT 300 PC Software from GSE simplifies the indicator programming process. Indicator setup can be easily completed on any PC and then downloaded to the indicator. Setup files are saved for future applications. With the GUI interface, set custom transmits, setpoints, transmit types, analog outputs, Start, Stop, and Target keys, and more.



FEATURES

- Non Volatile Time and Date Clock
- Manual ID Entry
- LED, LCD, and LCD Backlit Display
- Selectable Weighing Units
- Filling, Dispensing, Batching, and Checkweighing
- Manually controlled setpoint outputs
- Five Point Calibration improves linear accuracy
- AC or DC Operation
- 350/355 SS: Bench, Wall, Column, or Machine Mount
- 350 ZDC: Bench, Wall, Column, Machine, or Panel Mount

OPTIONS

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

AGENCIES

NTEP Certified, Measurement Canada, PTB, CE, ETL Approved



Specifications: 250/350 Series

Specifications	Model 250	Model 255	Model 350/355 & 350 ZDC
PERFORMANCE			
Full Scale (F.S.)	0.01 to 999,999	0.01 to 999,999	Selectable 0.01 to 999,990
Resolution	30,000d ext. divisions, min. of $\mu\text{V/d}$	Up to 100,000d min. of 0.25 $\mu\text{V/d}$	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 $\pm 2\%$ F.S.	Selectable $\pm 2\%$ to $\pm 100\%$ 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, g, t, oz, custom	kg, lb, g, t, oz, custom	kg, lb, g, lb-oz, oz
ELECTRICAL			
Power Requirement	12–24 VDC or 4 AA batteries, On/Off Key	12–24 VDC Standard Power Adapter	Stainless 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 Ω	(16) 350 Ω	180 mA, Power (6) 350 Ω 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
CONTROL			
Remote Input	1 Momentary Contact: TARE, PRINT, ZERO, GROSS/NET, or FUNCTION key	8 Momentary Contacts: Assignable function keys for PRINT, UNIT SWITCHING, COUNT, MANUAL HOLD, PEAK HOLD, and TOTALIZING	Programmable 1 Momentary Contact, (100 ms minimum): TARE, PRINT, ZERO
Setpoints	2	8 Optional	3 Optional
ENCLOSURE			
Material	Panel Mount Option: ABS Plastic or Stainless Steel	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 (LxWxH)	6.5" x 3.8" x 3.2" (164 mm x 97 mm x 81 mm)	9.69" x 4.92" x 4.77" (246 mm x 125 mm x 121.1 mm)	350 SS: 9.89" x 4" x 9" (251 mm x 102 mm x 229 mm) 355 SS: 9.89" x 4.63" x 9.72" (251 mm x 117 mm x 247 mm) 350 ZDC: 7.83" x 2.65" x 5.75" (199 mm x 67.3 mm x 146.1 mm)
DISPLAY			
LED	N/A	N/A	6 Digit
LCD	6 digit with LED Backlight	LCD Display w/4 alphanumeric displays and LED Backlight	350SS/350ZDC: 6 Digit w/3 Key LCD Checkweigh/Sortbar Display 355: LCD Display is not available.
Annunciators	On Display	On Display	11 LED/LCD for operational status
COMMUNICATION			
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 21 Key Chemical Resistant Elastomeric Rubber
AGENCIES	NTEP Certified, CE, PTB	NTEP Certified, CE	350 SS: NTEP Certified, Measurement Canada, CE, ETL 355 SS: NTEP Certified, Measurement Canada, PTB, CE, ETL 350 ZDC: NTEP Certified, Measurement Canada, PTB, ETL

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