

GSE 450 SERIES PROGRAMMABLE WEIGH INDICATORS

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Chapter 1 Introduction

GSE Inc. develops technically advanced, precision weighing instruments for high quality weighing systems. These instruments enable innovative weighing solutions for a variety of weighing applications.

Among these instruments are GSE's 450 Series Programmable Weigh Indicators (PWIs), which can be set up to meet the specific requirements of your application.

1.1 About This Guide

This *User's Guide* contains the information you need to operate GSE 450 Series PWIs on a day-to-day basis. It provides brief descriptions of the Model 450 and Model 455 indicators and basic installation, set up, operating, and troubleshooting information.

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1.2 Related Publications

The *450 Series Programmable Weigh Indicators (PWI) Technical Reference Manual*, herein referred to as the *450 Series Technical Reference Manual*, provides detailed technical information on all available options, installation, operation, and system setup capabilities (for example, check-weighing) for the 450 Series indicators. The manual is available from your GSE distributor.

1.3 450 Series Indicators

The Model 450 indicator, shown in Figure 1-1, and Model 455 indicator, shown in Figure 1-2, are designed for most weighing and counting applications. The Model 455 is distinguished from the Model 450 by its numeric keypad and its capability to weigh trucks and store average piece weights. (Contact your local GSE distributor for more information).

Both models are equipped with several standard selectable weighing programs. These programs are designed around two setpoint outputs and include filling and emptying operations.

The Model 450 or Model 455 indicator can be integrated with a load cell scale platform to create a *weighing system*. Built to provide years of accurate weighing and counting in the most demanding industrial environments, the 450 Series indicators are able to display outputs from platforms made by GSE and other manufacturers.

Programmable software enables the user to customize the transmission of output from the 450 Series indicators to computers or printers via an RS-232 interface. Contact your local GSE distributor for information on this capability.

1.4 Common Applications

This is a “Table of Contents preview” for quality assurance

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/GSE/450 series user manual.html](https://the-checkout-tech.com/manuals/GSE/450%20series%20user%20manual.html)

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