



TSC Small Package Checkweigher



The TSC 350 Small Package In-Motion Checkweigher is designed to weigh discreet packaged products such as cartons, bottles, tubs or boxes at high speeds. Weighs products from 5g to 10 kg with conveyor speeds in excess of 300 feet per minute, and production rates up to 350 pieces per minute.

The TSC 350 is designed for rigid products, and is the only checkweigher on the market that does not require the use of photo eyes to detect the presence of a package crossing the scale—even at high production rates. Its all stainless steel conveyor and frame are designed to meet demanding production needs. The TSC 350 offers a simple to operate, easy to clean, low maintenance, yet highly accurate in-motion scale.

A wide variety of weigh station conveyor lengths and widths are available to meet your specific application needs. Metering, pacing, reject, and material handling conveyors are available. It's standard I/O will interface to your new or existing metal detector, offering control for up to three reject devices for low/high/metal reject outputs.

The TSC 350 Checkweigher's design allows for disassembly without the use of tools. Additional features include digital speed controls, a single standard load cell, and servo motors, while each unit comes with dependable long term service. The TSC 350 is built tough enough to handle virtually every product in any environment, yet is responsive in both accuracy and performance.

Quick and Easy Calibration

Unlike other systems, the TSC 350 only requires a single static calibration. There is no need for multi-pass dynamic calibration every time product sizes or weights are changed. Simply add the new product parameters and go—it's that simple. Calibration is digital, with no pots to turn, and uses a single standard test weight. Easy to follow on



“Weigh products from 5g to 10 kg at production rates up to 350 pieces per minute”

Screen instructions with descriptive prompts guide you through calibration procedures with ease. A separate calibration check screen allows operators to verify calibration without having to access the calibration procedure.

Easy Configuration The TSC 350 utilizes multi-strand high performance Nylatron or stainless steel flat-link chains to convey products across the weighing portion of the scale. The chain width is adjustable to suit different applications. The conveyors are driven by a single SCR controlled DC motor with food grade rated drive components. Commonly available replacement parts within the checkweigher make it easier and cost effective to change out parts. A single commonly available load cell, housed in a stainless steel labyrinth sealed enclosure provides highly accurate and reliable weight each and every time.

The TSC 350 offers wash-down rated bearings, and comes with harsh environment options. Drive components can easily be disassembled for quick inspection and easy maintenance.

“Checkweighers, Metal Detectors, Fillers, Baggers, Palletizers, Scanning, Labeling, Custom Conveyor”



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