



Count-690

IND690 Application Module

The Count-690 Application Module adds advanced features to the capabilities of the IND690 terminal to include piece counting and piece filling. This is accomplished through the addition of a hardware key that provides new setup parameters, sequences, and totalization capabilities for each weighing mode. Utilize the statistical data and advanced communication features for accurate invoicing and inventory control in each area.

- Receiving: Piece counting in receiving prevents production delays due to missing items.
- Dispatch : Verify accurate quantities before shipping to customers.
- Production : Optimize production by monitoring and recording results to increase productivity and quality
- Stores : Continuously update stock figures to help stores minimize inventory while supporting demand

Feature	Customer Benefit
Piece Weight Determination	Use the IND690 to determine the average piece weight by placing 1 – 9,999 reference pieces on the scale
Piece Weight Entry	Manually enter the reference piece weight for a known value
Totalization	<ul style="list-style-type: none"> • Totalization of gross, net, tare in basic weighing mode • Totalization of gross, net, tare, total quantity during piece counting • Totalization of gross, net, tare, total quantity during piece filling • Item counter maximum : 9,999
Statistics	Retrieve statistical data such as piece weight, net total, total piece count, item counter, dispensing parameters and more to control and optimize your process
Discrete I/O	<ul style="list-style-type: none"> • Use discrete I/O to automatically dispense pieces to a specific target piece count • Use push buttons or triggers to control On/Off, zero, tare and the enter functions
Piece Counting Memory	Recall up to 999 fixed value memories for frequently used items, each with piece weight and a 20-character item name; each value buffered in case of power failure
Minimum Reference Weight	Define a unique minimum reference weight for each scale used to count
ADD Function	Display the quantity needed to reach the minimum reference weight.
Minimum Reference Warning	Warn the user if the counting process began below the minimum reference weight
Automatic Reference Optimization	Improve counting accuracy by enabling the automatic piece weight enhancement logic
Piece Filling Memory	Recall up to 999 targets with stored piece weight, name, target quantity, fine and course feed limits, and tolerances
Learn Mode	Automatically determine the feed and fast feed values to optimize the piece filling operation before and after the start of the filling process
Refill Correction	Optimize piece filling accuracy utilizing a variable correction factor
Tolerance Checking	Compares current container to the piece filling target and tolerances to ensure product is not underweight allowing for either manual or automatic redispensing
Counting Sequences	Description
Neutral Measurement	Determine weight-dependent quantities such as lengths, surface areas and volumes. User defined unit up to 10 characters in length
Piece Filling	Automatically fill pieces to a stored target (aka quantity of pieces)
Piece Counting	<ul style="list-style-type: none"> • Count pieces by pressing a single key utilizing a standard reference quantity • Count pieces by entering a variable reference quantity (1-9,999 pieces) • Count pieces by manually entering the known piece weight