



Control-690 IND690 Application Module

The Control-690 Application Module adds advanced features to the capabilities of the IND690 terminal to automatically or manually control the basic weighing, checkweighing and classification of samples. This is accomplished through the addition of a hardware key that provides new setup parameters and sequences. Utilize the discrete I/O to control the conveyor belts and flaps for the semi-automatic, automatic and remote control capability from an office area to open new possibilities to optimize your plant floor process.

Feature	Customer Benefit
Target Memory	Recall up to 999 target memories and 249 limit memories
Report for Over/Under Checkweighing	Provides a history for over/under checkweighing including mean value, standard deviation, minimum value, maximum value and percentage share of each class giving you better statistical quality control information
Report for Classifying	Provides a history for each weight class including mean value, standard deviation, minimum value, maximum value and percentage share of each class giving you better statistical quality control information
Report for Target Totalization	Provides a history for the accumulated sum, number of samples weighed and the average weight value and mean difference
Asymmetric Tolerances	Flexible target solutions for your particular production needs
Weight Classes	Use the eight freely definable weight classes to classify samples
Totalization	<ul style="list-style-type: none"> Totalization of net, acceptable, too low, too high, poor and gross sum, class 1-8 and total sum Item counter maximum: 9,999
Discrete I/O	<ul style="list-style-type: none"> Control the conveyor belt to ensure each item is properly weight Control flaps to move one sample at a time onto the scale Automatically sort out rejected items
Cancel a Process	To maintain precise records, remove unwanted materials from the memory by cancelling the last recorded process by reweighing the sample and selecting the 'Cancel' button
Fully Automatic Mode	Control the conveyor for your process
Semi-Automatic Mode	Controls the flaps to allow items to roll onto the scale
Remote Mode	IND690 advanced connectivity to PCs allows a user written PC program to remote control the process from the office
Control Sequences	Description
Over/Under Checkweighing	Weigh a sample and determine if it falls within tolerance
Classifying	Weigh a sample and determine which the 8 weight classes it meets
Basic Weighing	Weigh a sample on a conveyor belt. Totalize weight value upon a stable weight reading or switch off the conveyor
Weighing 1+1	Weigh two halves of a sample on a conveyor belt and calculate the total weight. Totalize weight value upon a stable weight reading or switch off the conveyor
Target Totalization	Add materials to the sample until it reaches target weight

