



Form-690 IND690 Application Module

The Form-690 Application Module adds advanced features to the capabilities of the IND690 terminal to manually control the formulation needs for a configurable (not stored) formula comprised of up to 15 materials. This is accomplished through the addition of a hardware key that provides new setup parameters and sequences. Configure the parameters to either weigh several materials into a single container or weigh each material into a separate container. Utilize the counters to track the number of times a material is selected and the number of containers filled to target by the configured formula.

Feature	Customer Benefit
Material Counter	Up to 9,999 materials can be counted
Container Counter	Up to 9,999 containers can be counted
Totalization	<ul style="list-style-type: none"> Totalization of sum Item counter maximum: 9,999. Used for Totalizing only
Printed Reports	Provides a history of the formulation sequence
Horizontal Formulation	Ability to dispense each component of a formula into a separate container.
Tolerance Checking	<ul style="list-style-type: none"> Compares the current container to the material and formula target and tolerances to ensure product is not underweight. Use the DeltaTrac display to graphically show the weight and tolerances to aid in the manual dispensing process
Discrete I/O	Use discrete I/O to indicate the status of a formula as under tolerance, at target or over tolerance
Information transfer to a PC	Control and optimize your process while collecting the tare, current and stored target parameters of each material, the net total of the formula as well as the user defined data entered (Keys A-F)
Formulation Sequences	Description
Vertical Formulation	<ul style="list-style-type: none"> Manually fill container to target with material 1, and then repeat for up to 15 materials Fill into the same container Each manually entered formula and manually entered component can be provided a dynamic, unique identification Formulas and materials are not stored in memory, use FormXP-690 to store formulas
Horizontal Formulation	<ul style="list-style-type: none"> Manually fill each container with one material of the manually entered formula Necessary if the mixing process is separate from the dispensing processes
Batch Formulation	Manually weigh each material with an ID and determine the total weight

