

# Trialpack PC Controller

Advanced Control System for Pentapack Blister Machines



- Full blister machine format control with optional specific forming of individual cavities
- Printer control for printing on both sides of the lidding foil
- Optional filling verification with camera system
- Optional fully automatic multiple product dosing system control
- Electronic audit trail

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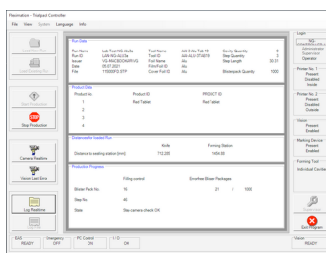
Trialpack PC Controller is a hard- and software combination to extend the capabilities of a Pentapack BP or CT range blister machine. It is also retrofitable to earlier Klöckner Pentapack EAS blister machines.

It provides blister format control for blister pack length and blister cavity forming. Using a multiple pocket thermoforming station it permits to easily program the forming of individual cavities on a blister pack. It connects to thermal transfer printers to print on the cover foil. This allows flexible printing of information such as patient compliance instructions on the full surface of the inner and outer side of the blister pack.

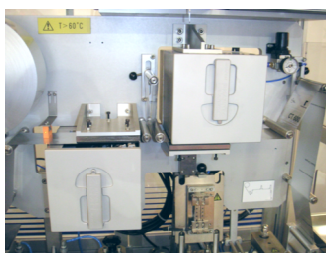
An optional camera system for filling verification offers an easy to set up but powerful solution to guarantee pack integrity for both thermoform and coldform blister packs. By checking individual cavities, the Trialpack PC Controller vision option is the only solution on the market that does not impose restrictions on the pack format and matches the exceptional, inherent flexibility of the Pentapack machine concept.

On top of that, the individual dosing option provides a unique and efficient way to safely package multi product blister packs fully automatically with full in-line verification of the filling process.

The Trialpack PC Controller hardware consists of a personal computer with interfaces to the blister machine control system, printing units and the optional camera system. The software comprises two applications, Trialpack Designer and Trialpack Controller. The former is used off-line to define the blister pack format and the print on the blister pack. The Trialpack Controller software controls the blister machine and print processes during production as well as the optional camera for filling verification and optional individual dosing units.



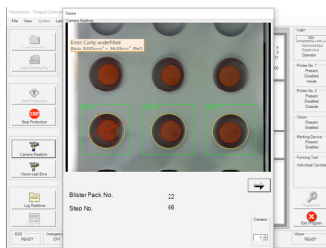
The Trialpack Controller software loads and interprets data generated by the Trialpack Designer configuration application. It comprises a powerful shift register that controls the blister packaging system.



Thermal transfer printers can be connected to print on both sides of the cover foil. The download of imaging data and the control of the printing processes during production is completely automatic.



The PC Controller is able to control a thermoforming station for individual cavities. This feature offers unmatched flexibility with software controlled pack format design.



The optional high resolution color vision system provides an easy to set up but flexible filling verification solution. It is easy to configure and works for thermoform film and cold form foil.



The optional individual dosing system permits to safely fill multiple products in a single blister pack. It is available both with and without camera based verification of the multi product filling process.



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