

SPARTAN II PLC

GlasCraft
DISPENSING EXCELLENCE
SYSTEMS • PARTS • SERVICE

High Performance Design for High Performance Production...Specifically Designed for RTM and RTM Lite

Control at Low Pressure is the Key to Successful RTM Lite Injection

The Accu-Pressure active sensor is the key to RTM Lite success and is easily located on the dispense head. Especially important to RTM Lite applicators, this feature eliminates the problem of over pressuring the mold thereby guaranteeing it to fill quickly and efficiently without opening before the injection is complete.

Superior Re-circulation

The unique re-circulation function allows the resin and catalyst to cycle up to the dispense head and back to the containers, unmixed. This superior feature keeps the pigments and fillers suspended in the resin while allowing the line to be de-gassed without the waste of expensive material.

Trouble Free Injection

The exclusive Accu-Pressure dispense head is designed specifically for the Spartan II and Deluxe apparatus. This distinct dispense head provides an excellent mix of catalyst and resin. The dispense head also offers the utmost ease in use and operation allowing for a trouble free injection.

Air / Solvent Flush

With the combined ability to clean the re-usable static mixing element first with an air purge followed by solvent wash and subsequent air purge, the dispense head and mixing element can be efficiently and quickly cleaned, dried and readily available for the next part.

Eliminate Pressure to Mold

The pneumatic trigger eliminates the initial pressure shock to the in mold process, therefore alleviating the potential for flaws in the injection process.

Easy to Use Control Console

All controls are mounted in a user friendly enclosed console.



Spartan II PLC uses Advanced Programmable Logic Controller Technology!

Touch Screen uses PLC to automatically command the machine functions from injection volume to catalyst ratio. Consistent production on an unlimited number of molds - every time.

Programmable Automatic Catalyst (PAC) allows the ratio of catalyst to be automatically adjusted during the injection cycle for fast turnaround and optimizes demolding time.

Radio Frequency Identification Tags (RFID) are the next level of technology for RTM injection production and process management. Each mold has a unique tag that is programmed with the amount of resin required and catalyst injection profile. This tag is scanned by the Spartan II PLC before injection and automatically adjusts the machine with the programmed settings on the RFID tag. RFID tags eliminate injection mistakes and are rewritable.



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ADS
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SYSTEMS