

Camalot FX-D® Dispensing System

Camalot FX-D is a revolutionary dispensing system that features a unique “plug and play” system design.

The FX-D provides a lower cost dispensing solution with mid-to-high end performance.

The FX-D platform:

- Allows customers to select only the options currently needed.
- Ability to add any option later as requirements change.
- Fully configurable as a Stand-alone or In-Line
- Any option can be field upgraded.
- Uses same operating software as the high-end XyflexPro+ dispensing system.
- Closed-loop DC servo

heated or unheated platform with single or dual head operation.



drive by precision ground ball screws in XY & Z.

- Large dispense area – 508mm x 508mm (20" x 20")

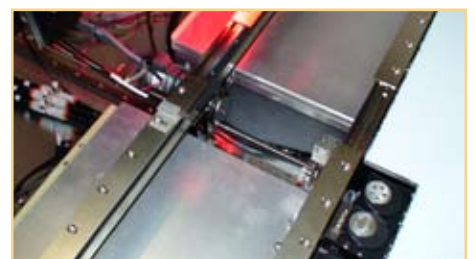
The Camalot FX-D provides flexibility and performance previously found only at the high end of the market, making it an ideal system for manufacturers who demand an accurate, cost-effective machine that is easily adapted to changing requirements.

Service Tips : Conveyor Calibration for XyflexPro+ and FX-D

Problem : If the board is hitting the hard stop in high speed without slowing down

Solution : Set 'Present to hard stop distance' = Actual sensor to stopper minus 20mm

Example : Actual Sensor to stopper = 30mm. Then the 'Present to hard stop distance' setting will be 10mm (being 30mm - 20mm)



Camalot SmartStream®

Camalot SmartStream non-contact dispense pump technology offers a cost-effective, accurate and easily-maintained alternative to jetting-based designs. This innovative system features patent-pending technology



known as “Streaming”, in which material is dispensed in a narrow column, rather than a single sphere.

SmartStream :

- Eliminates use of a needle.
- Incorporates positive displacement of the dispensed material with a piston and barrel combination.
- Using closed-loop servo drive achieves a high degree of accuracy and repeatability for consistent process results.

Durability, ease of maintenance and low cost of ownership where key design drivers for SmartStream as well.

SmartStream is compatible with all currently available

Camalot system options and may be retrofitted in the field. This new technology provides an accurate, repeatable and cost-effective dispense method that is well-suited to underfill applications.

Platform Compatibility:



XyflexPro+



FX-D



XyflexPro DLM



Upcoming Activity : Nepcon China 2009

Speedline will display the following printing and dispensing solutions at the upcoming Nepcon China 2009 exhibition in Shanghai, China on 21-24 April 2009 :

- MPM Momentum Stencil Printer, and
- Camalot SmartStream Dispense Pump.



Location : Everbright Exhibition and Convention Centre, Shanghai, P.R. China.
Booth No. : #1D05 / Gallant Tech Limited

ABOUT SPEEDLINE TECHNOLOGIES

Speedline Technologies is the global leader in process knowledge and expertise for the PCB assembly and semiconductor industries. Based in Franklin, Massachusetts, U.S.A., the company markets five best-in-class brands — Accel microelectronics cleaning equipment; Camalot dispensing systems; Electrovert wave soldering, reflow soldering, and cleaning equipment; MPM stencil and screen printing systems; and PROTECT global services, support, and training solutions. For more information, visit us at www.speedlinetech.com.



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