



# Automated Ink Filler

## Imagined

Develop a user friendly, compact, and versatile filler to service the needs of ink manufacturers wishing to automate their filling processes.

## Engineered Solution

A flexible inline filler with unique design features enabling the integration of lid placers, detectors, closers/crimpers, tapers and label applicators, with true plug and play capabilities.



Kinesys' Automation's Automatic Viscous Product/Ink Filling System accommodates a wide range of standard containers including 5/10 pound slip-top cans and 1/2/3.5/5/6 gallon containers.

The system utilizes a pneumatically-actuated plug valve assembly which minimizes product air entrapment and stringing. Using a pneumatic "blow-off", this component provides a smooth fill and a clean cut-off, even for troublesome products like sheet-fed printing inks.

The plug valve is constructed of electro-polished stainless steel with wetted surfaces. All connections are sanitary, tri-clamp for fast change-over, disassembly, cleaning and maintenance. The valve may be cleaned after use or dedicated to a particular product or family. As a function of its design and ease of disassembly, Kinesys' plug valve even accommodates shear-sensitive, UV-cure inks where other valves fail.

### Speed & Accuracy:

- Speed dependant upon product and infeed method
- Typical accuracy +/- .02 lbs

### Standard Features:

- Walking Beam Side Transfer System
- Kinesys Automation's Plug Valve Assembly
- Self Correcting Net-Weight Indicator Controls
- Quick-Connect Purge Manifold
- Product Infeed Control Valves

### Optional Features:

- Glycol Topping System
- Lid Placement System
- Lid Detection System
- Lid Closing/Crimping System
- Label Applicator System
- Automated slip-top can taping systems
- Integration with rotary infeed tables
- Infeed/Discharge Conveyors and Controls
- Stainless Steel Construction
- Explosion Proof Controls (Suitable for a Class 1, Division 1 Hazardous Environment)

