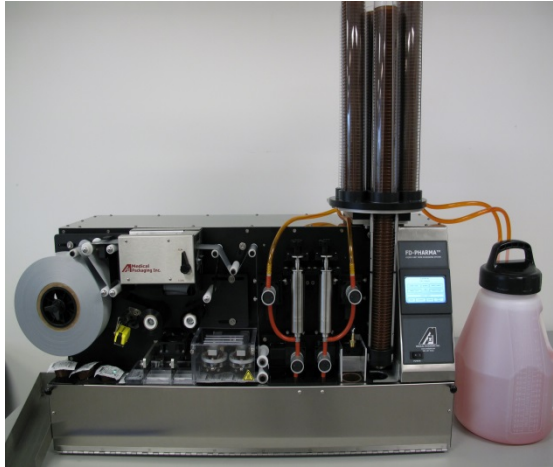


FD-PHARMA™

Liquid Unit Dose Packaging System

Manufactured by Medical Packaging Inc.

Medical Packaging Inc. (MPI)'s **FD-Pharma™** liquid cup unit dose packaging system represents a low cost packaging solution to small pharmaceutical manufacturers and CDMO's seeking to expand their market base with new and expanded packaging capabilities. **FD-Pharma™** can quickly, easily, and inexpensively add liquid cup packaging capability to your manufacturing operations. For the CDMO, adding the **FD-Pharma™** can provide additional value to your current clients who are seeking to minimize the number of packaging partners they are engaged with as well as attract new clients by offering liquid cup packaging capability not previously available.



MPI's **FD-Pharma™** was developed to address the void that exists for early liquid product development and small batch liquid validation runs as well as lower volume production needs not suited for high speed packaging lines. **FD-Pharma™** provides the ability to support early phase development, small batch runs, and medium production runs. **FD-Pharma™** offers the opportunity to validate a new liquid drug using production equipment that is offered at a much lower cost production machine. Once the liquid drug product has gained significant market share that warrants higher speed production capabilities, production can easily be transitioned to the higher speed packaging line.

MPI's **FD-Pharma™** offers the perfect packaging solution for lower volume products that represent good margins but are too low in volume to be run profitably on the higher speed packaging lines used for blockbuster products. **FD-Pharma™**, with its quick changeover and easy to operate features, would allow for multiple small to medium profitable production runs of varying liquid products on one machine.

*MPI's **FD-Pharma™** is the only liquid cup unit dose packaging machine available that is able to produce FDA-compliant packages, addressing initial product development to medium production volumes, at a low price point, producing high quality, professionally packaged unit dose cups rivaling those produced on much higher cost packaging equipment!*

Liquid Unit Dose
Packaging
Made Simple!

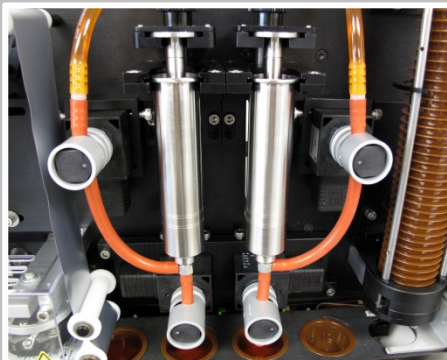


KEY FEATURES

- Small footprint, small price point, with professional FDA-compliant results for precise liquid dosing in a convenient unit dose cup.
- The **FD-Pharma™** is well suited for clinical trials, small production, to full production mode . . . all in one machine!
- The **FD-Pharma™** is easy to operate by line technicians with minimal training required to be proficient.
- Quick changeover with minimal cleaning required.
- Cost of ownership is very low with the **FD-Pharma™** due to very low maintenance costs for operating and maintaining the machine.
- The **FD-Pharma™** produces professional results at a low cost per dose (CPD).
- Barcoding and serialization capabilities (when using **Pak-EDGE™ UD**) are standard features.
- **FD-Pharma™** with its built-in scanner provides 100% verification of a readable barcode on the unit dose package.
- Pumping System: Dual Stainless Steel Syringe, positive displacement, ideal for high viscosity fluids.
- Standard cup sizes available: 7mL, 15mL, 25mL, 35mL

TECHNICAL SPECIFICATIONS

Model:	LF-2000
Dimensions:	37" L x 14" W x 18" H
Weight:	130 lbs.
Power:	115/230VAC, 50/60Hz, 500VA
Sealing Temp:	220°C
Rate:	30 to 35 Cups / Minute
Fill Accuracy:	+/- 0.5%



All MPI packaging systems are classified as US FDA 510(k) exempt and require the use of MPI authorized disposable materials.

To request information, contact:
pharmasales@medpak.com

 **Medical
Packaging Inc.**

8 Kings Court | Flemington | New Jersey | 08822 | USA
Toll-Free.800-257-5282 | Phone.609.466.8991 | Fax.609.466.3775 | www.medpak.com



FD-Pharma and Pak-EDGE
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Liquid Unit Dose Packaging System

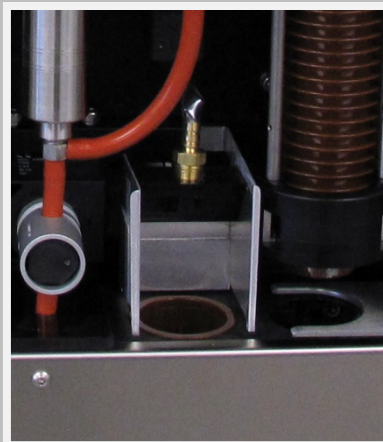
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OPTIONS



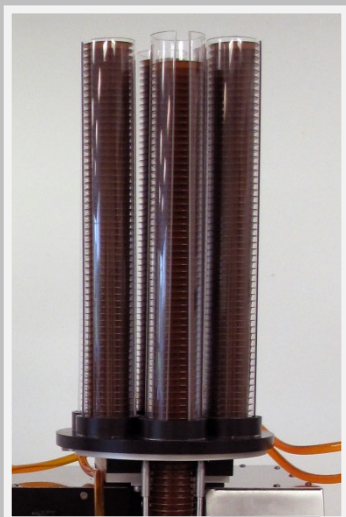
Barcode Verifier Option

SCANS FINAL UNIT DOSE PACKAGE TO VERIFY READABLE BARCODE



Air Rinser

TARGETS A SHORT BURST OF AIR INTO CUP DIRECTING DEBRIS INTO COLLECTION NETTING (NOT SHOWN)



Auto-cup Indexer

HOLDS AND FEEDS UP TO 300 SMALL CUPS OR 180 LARGE CUPS

Color Cups

CHOOSE FROM STANDARD OR SPECIAL ORDER CUSTOM COLORS



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