

# Pump-Rx

Fluid Dispensing Pump



# Your Smart Assistant for Ideal Fluid Transfer

Pump-Rx is designed to reduce the workload and increase the efficiency of various fluid dispensing operations of your pharmacy. It offers repeatable accuracy and ease of use as never before.





# Easy, Efficient and Versatile Fluid Dispensing Technology

Managing your pharmacy operations with smart automation is essential to enhance patient safety and decrease the workload of pharmacy technicians. Thanks to its advanced features and wide disposables and accessories range, Pump-Rx helps you streamline the pharmacy applications below and gain extra time for other important tasks.



- Drug vial reconstituting
- IV bag filling/pooling
- IV syringe filling
- Oral liquid filling
- Elastomeric infusion pump filling
- Large volume diluent transferring



# Pump-Rx

## Key Features & Benefits



### User-Friendly and Efficient

- 7-inch color touch-screen
- Intuitive user interface
- Easy-to-use setup & calibration menu
- Advanced real-time process monitoring
- Auto-priming function
- Digital Numpad
- Sleep-mode for energy saving

### Automated and Smart Operation

- Batch (serial filling) function with adjustable interval
- 45 adjustable filling volumes
- 30 pre-defined container volumes
- Continuous flow function
- Drawback function (adjustable between 0.1-9.9 mL)
- Forward/reverse flow direction
- Insufficient source warning with overflow/swap and level adjustment options

### Highly Accurate and Safe

- Advanced peristaltic pump technology
- Ultimate repeatable accuracy
- 30 adjustable speed levels
- As low as 0.1 mL fluid dispensing
- Rapid filling up to 15 mL/sec
- Pop-up warning messages
- Audible warning (buzzer)



# Advanced Touch-Screen Technology

With a 7-inch touch screen and user-friendly new interface, pharmacy pump operation is now easier than ever!

The screenshot shows the main interface of the Pump-Rx Fluid Dispensing Pump. It includes a header with the Kapsam logo and device name, a date and time display (29/05/2022, 16:45), and several data panels. Callouts point to the following elements:

- Filled volume and status (%):** Points to the 'FILLED VOLUME' panel showing 10.5 mL and a progress bar at 50%.
- Filled units and elapsed time:** Points to the 'ELAPSED TIME' panel showing 2.1 sec and 'FILLED UNITS' showing 45.
- Batch production units and interval:** Points to the 'BATCH UNITS' panel showing 15 / 20 and 'BATCH INTERVAL' showing 7 / 7 sec.
- Real-time process info bar:** Points to the bottom status bar showing 'Pumping...'.
- Time and date:** Points to the top right date and time display.
- Source and filling (target) volume:** Points to the 'FILLING VOLUME' panel showing 21.0 mL and 'SOURCE VOLUME' showing 350.5 mL.
- Flow mode, speed, direction and drawback:** Points to the control icons for flow mode, speed, and direction.
- Device status and settings:** Points to the 'DEVICE STATUS' icon.

**Insufficient Source Volume**

Needed Source Volume: 10.5 mL

20 mL

**Screen Num-Pad**

9999.9

1 2 3 ✓

4 5 6

7 8 9 ✗

. 0 < >

**Pump Speed Adjustment**

600 RPM

22 ✓

## Accessories



**Rack Fixture**  
for hanging containers



**Syringe Fixture**  
for one-handed syringe filling



**Foot-Pedal**  
for hands-free operation



**Mobile Stand**  
for mobile operation and saving workspace

# Disposables

In our wide portfolio you can find all needed DEHP-Latex free disposables from tube sets to connectors and EVA infusion bags.

## Tube Sets and Extensions



- Single, double and triple lead tubing
- Low priming version for reducing drug loss
- Luer-lock and spike connections
- Extension lines for increasing tubing length

## IV Connectors and Filters



- Female/male luer-lock connectors
- Vented/unvented spike adaptors
- Syringe and vial adaptors
- IV filters from 0.2 to 5 micron

## EVA Infusion Bags



- Transparent / UV-protected EVA material
- Single and dual chamber options
- Available sizes from 150ml to 5000ml
- Luer, spike and needle injection ports

## Technical Information

<b>Weight:</b>	13 kg
<b>Dimensions (w x d x h):</b>	29.2 x 20.6 x 25.9 cm
<b>Minimum Dispensing Volume:</b>	0.1 mL (with 0.01 mL increments)
<b>Maximum Dispensing Speed:</b>	15 mL/sec (900 mL/min)
<b>Accuracy:</b>	± 10% at 0.1 mL, ± 5% at 0.4 mL, ± 2% at 1 mL, ± 1% above 2 mL
<b>Power:</b>	100-240VAC ±%15, 50/60Hz ±%10, 90W, Single Phase
<b>Regulatory Compliance:</b>	2014/35/EU low voltage and 2014/30/EU electromagnetic compatibility in accordance with TS EN 60601-1, TS EN 61010-1 and TS EN 61326-1.



Batch No.: 202103209B  
Mfg. Date: 03.2021  
Exp. Date: 02.2024

For intravenous admin only.  
See package insert for dosage  
and administration.  
Store at 2-8°C.  
Protect from light.  
Do not freeze.

100ml  
03-11-2021  
007279144341

Part of the team by SCS Ltd. Ltd.  
EG7348  
07/2020  
06/2023





## Comprehensive Solutions for Sterile Compounding & IV Infusion

- Automated IV Compounding Systems (TPN / ONCO / CIVA)
- Automated Fluid Dispensing Pump
- Pharmacy Operation & Order Entry Software (CPOE)
- IV Workflow Management System (IV-WMS)
- IV Compounding & Infusion Disposables
- Modular Cleanrooms & Accessories
- Biosafety & LAF Cabinets



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