

Baxter

Repeater PHARMACY PUMP



**PROVEN
LEADERSHIP**
FOR AUTOMATED
WORKFLOW

SUCCESS REPEATED



AUTOMATED
FLUID TRANSFERS
FOR MORE THAN

30 YEARS

AUTOMATION IS ESSENTIAL TO MANAGE YOUR WORKFLOW

The efficiency of your pharmacy depends on a better way to manage your workflow. Increased demand means that automation is essential, reducing risks with the potential for human error.

The **Repeater** Pump is a versatile peristaltic pump which plays an important role in routine pharmacy procedures — delivering accuracy and multi-speed settings for fluid transfer processes the way you need them. Designed to reduce the workload of pharmacy technicians, the **Repeater** Pump facilitates automated fluid transfers, so you can focus on other tasks.

Patients need their drug therapy, and your goal is to deliver it — **safely, accurately** and **efficiently**.

EFFICIENCY REPEATED

The **Repeater** Pump offers flexibility in applications with repeat performances.

Designed with you in mind, the quick set up helps streamline pharmacy operations and allows the versatile **Repeater** Pump to support any size pharmacy, handling a wide range of fluid transfer and filling applications with efficiency and accuracy. Leverage the efficiency of the **Repeater** Pump for multiple applications — reconstitution of drugs, IV admixing and transfer and filling of IV bags, syringes, elastomeric devices, and oral syringes — and utilize the extra time you'll gain for other important tasks in your pharmacy.



ACCURACY REPEATED

The **Repeater** Pump plays an important role in routine pharmacy procedures.

Filling applications with automated multi-speed settings helps to reduce risks associated with manual, repetitive actions, increasing the accuracy of your work and helping to support a higher safety standard for your patients.

VERSATILITY REPEATED

The **Repeater** Pump facilitates accurate and multi-speed automated pharmacy fluid transfer.

With compact dimensions, the **Repeater** Pump offers flexibility in placement options – fit it within a standard laminar flow hood, biological safety cabinet, or mount it on the available pump stand. Baxter tube-sets are design controlled to maintain fluid delivery accurate to volumes as low as 0.2 mL ($\pm 10\%$) and increases to $\pm 1\%$ at volumes above 2 mL. The **Repeater** Pump was designed to transfer up to 9,999 mL at flow rates up to 13.3 mL per second with a 16G needle.



DRAWBACK FEATURE

Relieves line pressure to help prevent excess fluid from dripping between fills.

AUTOMATIC OPERATION

Interval mode to reduce pressing start/stop repeatedly.

COMPACT SIZE

Enables a variety of placement choices. Fits in laminar flow hood.

POWERFUL MOTOR

27 speed combinations including reverse mode makes it strong enough to pump viscous fluids and fill elastomeric infusers.

MEMORY STORAGE

To standardize repeated applications, 20 cells are available for storage of commonly used pump settings.

ENVIRONMENTAL CONDITIONS

Installation category II; Pollution degree 2 environment; Indoor use only

Operating temperature	41°F to 104°F (5°C to 40°C)
Storage temperature	32°F to 147.2°F (0°C to 64°C)
Maximum relative humidity	80% up to 87.8°F (31°C), decreasing linearly to 50% at 104°F (40°C)
Maximum altitude	Not to exceed 2000 m
Main supply voltage fluctuation	Not to exceed ±10%
Sound pressure level	Does not exceed 85 dBA

PERFORMANCE

Volume entry range	0.2 to 9,999 mL
Water flow rate maximum	800 mL / minute (16G needle)
Accuracy*	±10% at 0.2 mL; ±5% at 0.4 mL; ±2% at 1 mL; ±1% above 2 mL
Minimum dispensing volume	0.2 mL
Volume dispensing resolution	0.01 mL

DIMENSIONS

Size	12.75" (324 mm) long; 8.25" (210 mm) wide; 9.75" (248 mm) high
Weight	24.15 lbs (10.95 kg)
Power	H938099G: 100-120V, 60Hz, 200VA H938099EG: 220-240V, 50/60HZ, 200VA
Fuse rating	H938099G: 3A, 250V, Slow Blow H938099EG: 1.6A, 250V, Time Delay

*In forward with water, temperature 59°F to 104°F (15°C to 40°C)

EFFICIENCY

ACCURACY

VERSATILITY

REPEATED



ACCESSORIES

THE REPEATER PUMP IS A PERISTALTIC PUMP DESIGNED EXCLUSIVELY FOR PHARMACY APPLICATIONS

To complement the various **Repeater** Pump functions, Baxter provides a wide range of accessories that aid in fast, accurate and consistent reconstitution, transfer, filling and pooling.



REPEATER PUMP STAND

Supports the pump outside a sterile work area, saving valuable hood space.

Product Code: **H93830**



BAG POLE

Connects to the pump to hold a bag.

Product Code: **H93832**



SYRINGE FILLING FIXTURE

Holds a pump tube set for filling syringes – enabling one-handed syringe filling.

Product Code: **H93824**



PNEUMATIC FOOT PEDAL

Supports hands-free operation. Provided with the purchase of a **Repeater** Pump.

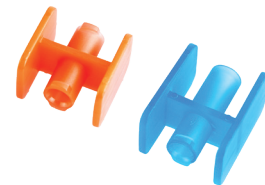
Product Code: **32000146**



FLUID TRANSFER TUBE SETS

Sterile and non-sterile flexible tubing with multiple inlet options and a male Luer lock outlet. Use them to transfer fluids from one container to another using the **Repeater** Pump.

Product Code: **see following pages**



RAPIDFILL CONNECTORS

Complete line of connectors. Helps protect against touch contamination. Use to connect male Luer devices to syringes and tube sets among other containers.

Product Code: **see following pages**

ACCESSORIES

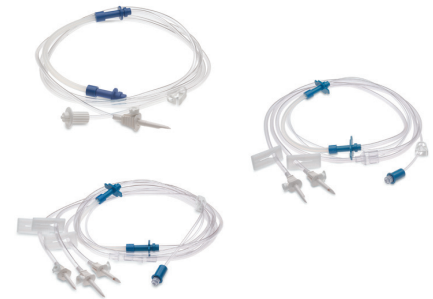
DRUG RECONSTITUTION

To reconstitute use the Fluid Transfer Tube Set to deliver diluents.



QTY / PACK	QTY / CASE	PRODUCT CODE	SIZE / COLOR
FLUID TRANSFER TUBE SET WITH SPIKE (WITH OPTION TO VENT)			
1	10	H93811	Clear
BIFURCATED SPIKE (TWO INLETS* WITH OPTION TO VENT)			
1	10	H93862	Clear
TRIFURCATED SPIKE SET (THREE INLETS* WITH OPTION TO VENT)			
1	10	H93863	Clear

* multiple inlets for use with the same solution



POOLING

With the **Repeater** Pump set to "Reverse", the Fluid Transfer Tube Set can be used to aspirate drug into an empty collection bag. It can also be used with a filter.



QTY / PACK	QTY / CASE	PRODUCT CODE	SIZE / COLOR
FLUID TRANSFER TUBE SET WITH SPIKE (WITH OPTION TO VENT)			
1	10	H93811	Clear
POOLING ACCESSORIES			
1	10	H93821 ¹	Clear
1	20	H93829 ²	Clear
1	50	H93887 ³	20" / Clear
FILTER SET			
1	50	H938N0080 ⁴	Clear
LARGE VOLUME STERILIZING CAPSULE FILTER			
1	3	H93824649 ⁵	Clear
1	3	H93824650 ⁶	Clear



¹ Male to Male Luer Lock Fluid Transfer Pump Set ² Luer Lock Universal Spike
³ Male to Male Luer Lock Extension Set ⁴ 8" Standard Bore Extension Set with 0.22 µm Filter
⁵ 0.2 µm Filter 500 cm² ⁶ 0.2 µm Filter 1000 cm²

IV SYRINGE FILLING

Fill IV syringes using a **Repeater** Pump Fluid Transfer Tube Set in conjunction with the Syringe Filling Fixture and RAPIDFILL Connector. Using Interval Mode, the pump will automatically deliver volumes with a specific time delay between fills. A variety of tip caps are available, including tamper evident and Self-Righting Tip Caps in a variety of colors.



QTY / PACK	QTY / CASE	PRODUCT CODE	SIZE / COLOR
FLUID TRANSFER TUBE SET WITH SPIKE (WITH OPTION TO VENT)			
1	10	H93811	Clear
LOW PRIME-VOLUME FLUID TRANSFER TUBE SET			
1	10	H938331	Clear
RAPIDFILL CONNECTORS - STERILE			
1	50	H93813701 ¹	Blue
1	50	H93813901 ²	Red
1	50	H93813915 ³	Red
1	50	H93842703 ⁴	Clear
¹ Luer lock-to-luer slip ² Luer lock-to-luer lock ³ Luer lock-to-luer lock, w/cap ⁴ Luer lock-to-oral slip			
TAMPER-EVIDENT LUER LOCK TIP CAP			
10	100	H93864010	Red
10	1000	H93864110	Red
SELF-RIGHTING LUER LOCK TIP CAP			
1	50	H93869001	Green
25	500	H93869025	Green
100	1000	H93869100	Green
25	500	H938690025	Yellow
25	500	H938693025	Dark Blue
DISCPAC SELF-RIGHTING LUER SLIP CAP			
25	500	H93866025	Yellow
100	1000	H93866100	Yellow
25	500	H93867025	Orange
100	1000	H93867100	Orange
100	1000	H938671100	White
100	1000	H938673100	Dark Blue
100	1000	H938674100	Green
100	1000	H938676100	Pink
100	1000	H938677100	Purple



ACCESSORIES

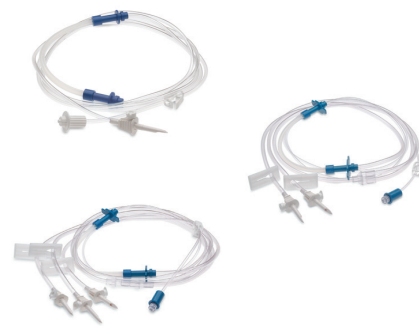
ELASTOMERICS FILLING

Use the **Repeater** Pump to fill infusers to eliminate manual filling with syringes using a Fluid Transfer Tube Set with a Luer lock outlet.



QTY / PACK	QTY / CASE	PRODUCT CODE	SIZE / COLOR
FLUID TRANSFER TUBE SET WITH SPIKE (WITH OPTION TO VENT)			
1	10	H93811	Clear
BIFURCATED SPIKE (TWO INLETS* WITH OPTION TO VENT)			
1	10	H93862	Clear
TRIFURCATED SPIKE SET (THREE INLETS* WITH OPTION TO VENT)			
1	10	H93863	Clear

* multiple inlets for use with the same solution



ORAL LIQUID DRUG FILLING

By using the Oral Liquid Transfer Set (with weighted stainless steel tip inlet) you can pull directly from the source container to fill oral syringes.



QTY / PACK	QTY / CASE	PRODUCT CODE	SIZE / COLOR
ORAL LIQUID TRANSFER TUBE SET			
1	10	H93813	Clear
LUER LOCK-TO-ORAL-SLIP CONNECTOR			
50	2500	H93842701 ¹	Clear
1	50	H93842703 ²	Clear

¹ Luer lock-to-oral slip — non-sterile ² Luer lock-to-oral slip — sterile

NON-STERILE ORAL DISPENSERS WITH TIP CAPS				
PHARMACY PACK	50	100	H9387100 ¹ / H9388100 ²	0.5 mL
	50	500	H9387500 ¹ / H9388500 ²	0.5 mL
	50	100	H9387101 ¹ / H9388101 ²	1 mL
	50	500	H9387501 ¹ / H9388501 ²	1 mL
	50	100	H9387103 ¹ / H9388103 ²	3 mL
	50	500	H9387503 ¹ / H9388503 ²	3 mL
	50	100	H9387105 ¹ / H9388105 ²	5 mL
	50	500	H9387505 ¹ / H9388505 ²	5 mL
	25	100	H9387110 ¹ / H9388110 ²	10 mL
	25	500	H9387510 ¹ / H9388510 ²	10 mL
COST CONTAINMENT	25	100	H9387120 ¹ / H9388120 ²	20 mL
	25	25	H9387160 ¹ / H9388160 ²	60 mL
	3000	3000	H93874201 ¹ / H93884201 ²	1 mL
	2500	2500	H93874203 ¹ / H93884203 ²	3 mL
	1500	1500	H93874205 ¹ / H93884205 ²	5 mL
1800	1800	H93874210 ¹ / H93884210 ²	10 mL	

¹ Clear ² Amber

STERILE ORAL DISPENSERS WITH TIP CAPS				
1	100	H93876101 ¹	1 mL	
1	100	H93876105 ¹	5 mL	
10	100	H93887103 ²	3 mL	

¹ Clear ² Amber

SELF-RIGHTING ORAL TIP CAP				
100	100	H93850300	Blue	

TAMPER-EVIDENT ORAL TIP CAP				
100	100	H93852300	Red	

MARK-A-DOSE LABEL				
1000	1000	H93842900	Clear	

TAMPER INDICATING FOIL SEALS				
1000	1000	H93830020	Silver	



If using a different tube set than Oral Liquid Transfer Set, use the Luer Lock-to-Oral-Slip Connector for easy filling of the Oral Syringe.

Fill oral liquid drugs into any of the **ExactaMed** Oral Syringes and cap with **ExactaMed** Oral Syringe Tip Caps or Tamper-Evident Oral Tip Caps designed to provide tamper-evident closure. Then label syringes using Mark-a-Dose or Oral Labels.



Rx Only.

For the safe and proper use of the devices mentioned herein, refer to the appropriate Instructions for Use or Operator's Manual.

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