



Syringe Pumps:
\$275 Just Infusion™

Full Featured Programmable Syringe Pumps:

- One Channel
- Two Channel

Six, Eight, and Twelve Channel

- High Pressure
- Microfluidics

OEM & Custom Pumps

Volumetric Dispensing:

- Peristaltic Pumps
- Peristaltic Plumbing

Advanced Pump Systems:

2 Pump Advanced Systems

The Next Generation Continuous Infusion Syringe Pump System

Linear/Gradient Pumping and Advanced Features

Syringe Heater

Syringes & Plumbing Supplies

- Plastic Syringes & Kits
- Glass Syringes
- Steel Syringes
- Plumbing Supplies

Accessories:

- Closed Loop Analog Sensor Interface
- Pump Software
- All Accessories

Resources:

- Frequently Asked Questions
- User Manuals
- Technical Documents
- Technical Videos
- Research Papers

Syringes & Plumbing Supplies



Disposable Plastic Syringes
Plumbing Supplies

Stainless Steel Syringes
Fittings & O'Rings

Standard Glass Syringes
Gas Tight Glass Syringes

Peristaltic Pump Supplies

Note: All syringes & plumbing supplies are non-returnable

Disposable Plastic Syringes

NORM-JECT® inert syringes are latex free, contain no rubber, no silicone oil, styrene or DEHP and are DNA free. These syringes are the choice for any situation needing an inert, non-reactive syringe. They are more chemically resistant than rubber tipped syringes. Manufactured only from laboratory grade polypropylene and polyethylene. These unique plastic syringes have a positive safety stop to prevent accidental spills.

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Syringe Size	Type	Price Each	Price Per Box	Price Per Case
1 mL	Norm-Ject® Luer Slip Tuberculin Inert	SYR-TB1 \$0.45	SYR-TB1BX \$39.00 (100 per box)	SYR-TB1CS \$389.00 (10 boxes per case)
1 mL	Exel® Luer-Lock Non-Inert	SYR-EX1LL \$0.60	SYR-EX1LLBX \$49.00 (100 per box)	SYR-EX1LLCS \$489.00 (10 boxes per case)
3 mL	Norm-Ject® Luer Lock Inert	SYR-NJ3LL \$0.55	SYR-NJ3LLBX \$44.00 (100 per box)	SYR-NJ3LLCS \$439.00 (10 boxes per case)
5 mL	Norm-Ject® Luer Lock Inert	SYR-NJ5LL \$0.60	SYR-NJ5LLBX \$49.00 (100 per box)	SYR-NJ5LLCS \$489.00 (10 boxes per case)
10 mL	Norm-Ject® Luer Lock Inert	SYR-NJ10LL \$0.70	SYR-NJ10LLBX \$59.00 (100 per box)	SYR-NJ10LLCS \$589.00 (10 boxes per case)
20 mL	Norm-Ject® Luer Lock Inert	SYR-NJ20LL \$0.95	SYR-NJ20LLBX \$74.00 (100 per box)	SYR-NJ20LLCS \$739.00 (10 boxes per case)
30 mL	Norm-Ject® Luer Lock Inert	SYR-NJ30LL \$1.45	SYR-NJ30LLBX \$49.00 (50 per box)	SYR-NJ30LLCS \$489.00 (10 boxes per case)
50 mL	Norm-Ject® Luer Lock Inert	SYR-NJ50LL \$1.95	SYR-NJ50LLBX \$43.50 (30 per box)	SYR-NJ50LLCS \$435.00 (10 boxes per case)
60 mL	Terumo® Luer Lock Non-Inert	SYR-TER60LL No Longer Available	SYR-TER60LLBX	SYR-TER60LLCS
140 mL	Monoject® Luer Lock Non-Inert	SYR-MJ140LL \$6.00	SYR-MJ140LLBX \$119.00 (20 per box)	SYR-MJ140LLCS \$1189.00 (10 boxes per case)



Large Syringe Kit

Model: P-SYRKIT-LG
Price: \$15.00 USD

- (2) 20 mL NormJect® Luer Lock Inert
- (2) 30 mL NormJect® Luer Lock Inert
- (2) 50 mL NormJect® Luer Lock Inert
- (6) Female Luer Barbs 0.125"ID
- (3) Male Luer Barbs 0.125"ID
- (20 ft.) PVC Tubing 0.125"ID x 0.188"OD

Small Syringe Kit

Model: P-SYRKIT-SM
Price: \$11.50 USD

- (2) 1 mL NormJect® Luer Slip Inert
- (2) 3 mL NormJect® Luer Lock Inert
- (2) 5 mL NormJect® Luer Lock Inert
- (2) 10 mL NormJect® Luer Lock Inert

Catalog:



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New Era 2013 Catalog

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NE-9000 Peristaltic Pump New Supports 1/16" ID Tubing

\$500 (with code)

\$200 (with code)

Not For Clinical use On Humans

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- (6) Female Luer Barbs 0.125"ID
- (3) Male Luer Barbs 0.125"ID
- (20 ft.) PVC Tubing 0.125"ID x 0.188"OD

Dual Pump Plumbing Kit

Model: P-DKIT
Price: \$20.00 USD



For use with our advanced **Continuous/Dual Infusion Systems**

- (2) Dual Check valves
- (2) 50 mL NormJect® syringes
- (2) "Y" Connectors
- Withdraw pulls fluid from a reservoir
- Infusion out flows to a separate line
- Comes pre-assembled: Just attach the syringes
- Assembled with 0.125"ID PVC tubing: 6" connects the valves to the "Y" connectors, 5' to connect to your reservoir and out flow
- Parts can be purchased individually

Glass Syringes



Standard Glass Syringes

Gas Tight Glass Syringes

New Era Pump Systems, Inc. supplies a full range of glass syringes from 1 mL to 100 mL standard and 50 µL to 100 mL in gas tight syringes. Standard glass can handle between 22 to 43 psi and the gas tight can handle from 100 psi to upwards of 400 psi depending on the syringe.

Standard Glass Syringes

For Laboratory & Veterinary use only. Manufactured under ISO9001 standards in Germany from the finest Borosilicate Glass. Individually boxed. Pistons and barrels are interchangeable.

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[Back to Top](#)

Syringe Size	Fitting	PSI	Temperature	Model #	Price Each
1 mL	Fixed Metal Luer Lock	43.5	200°C	SYR-GL1LL	\$30.00
2 mL	Fixed Metal Luer Lock	43.5	200°C	SYR-GL2LL	\$20.00
3 mL	Fixed Metal Luer Lock	43.5	200°C	SYR-GL3LL	\$20.00
5 mL	Fixed Metal Luer Lock	43.5	200°C	SYR-GL5LL	\$20.00
10 mL	Fixed Metal Luer Lock	29	200°C	SYR-GL10LL	\$28.00
20 mL	Fixed Metal Luer Lock	29	200°C	SYR-GL20LL	\$30.00
30 mL (+)	Fixed Metal Luer Lock	29	200°C	SYR-GL30LL	\$54.00
50 mL (+)	Fixed Metal Luer Lock	21.8	200°C	SYR-GL50LL	\$75.00
100 mL (+)	Fixed Metal Luer Lock	21.8	200°C	SYR-GL100LL	\$275.00

SGE PTFE Tipped Plunger Gas Tight Glass Syringes

A PTFE tip plunger minimizes carryover and prevents particulate matter from getting between the plunger and barrel by effectively wiping the barrel inner diameter during the plunger stroke. PTFE tipped plungers are suitable for both liquid and gas samples. Individually boxed. Pistons and barrels are interchangeable.

Syringe Size	Fitting	PSI	Temperature	Model #	Price Each
50 µL	Fixed Metal Luer Lock	400	70°C	SYR-GL50MCLL-S	\$89.20
100 µL	Fixed Metal Luer Lock	400	70°C	SYR-GL100MCLL-S	\$70.60
250 µL	Fixed Metal Luer Lock	400	70°C	SYR-GL250MCLL-S	\$68.30
500 µL	Fixed Metal Luer Lock	400	70°C	SYR-GL500MCLL-S	\$70.60
1 mL (*)	Fixed Metal Luer Lock	400	70°C	SYR-GL1LL-S	\$64.50
2.5 mL (*)	Fixed Metal Luer Lock	400	70°C	SYR-GL2.5LL-S	\$62.40
5 mL (*)	Fixed Metal Luer Lock	400	70°C	SYR-GL5LL-S	\$62.40
10 mL (*)	Fixed Metal Luer Lock	200	70°C	SYR-GL10LL-S	\$112.30

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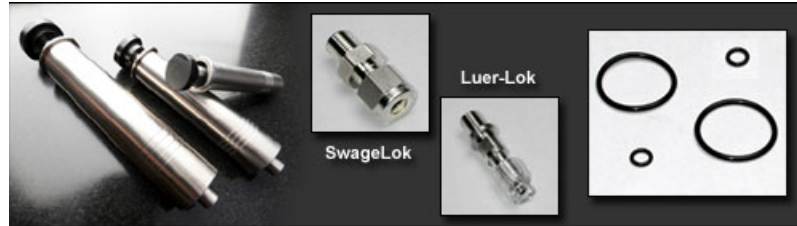
25 mL (*)	Fixed Metal Luer Lock	100	70°C	SYR-GL25LL-S	\$188.20
50 mL (+)	Removable Luer Lock 7/16 UNEF Metal Thread	100	120°C	SYR-GL50LL-S	\$236.40
100 mL(++)	Removable Luer Lock 7/16 UNEF Metal Thread	100	120°C	SYR-GL100LL-S	\$359.40
Replacement Luer Lock: 7/16 UNEF Metal Thread				SYRP-SSML-S	\$54.92
(*) Plunger Adapter Plate, 6-32 Thread				P-SYRADPT	\$5.00

Pusher Block Modification Kits for Indicated Glass Syringes

Select by pump model series and syringe reference. Improves fit of certain glass syringes in the pusher block.

	NE-10xx, NE-5xx, NE-5xxL		NE-4000, NE-450x, NE-450xL	
	Part #	Price	Part #	Price
(+)	ANTISYPHON-MOD-01	\$2.00	ANTISYPHON-MOD-DBL-01	\$3.00
(++)	ANTISYPHON-MOD-02	\$10.00	ANTISYPHON-MOD-DBL-02	\$13.00

Stainless Steel Syringes & Parts



Stainless Steel Syringes

Fittings

O'Rings

Stainless Steel Syringes

These syringes are intended for high pressure applications with good resistance to most aggressive liquids. All syringe barrels and plungers are manufactured with #316 stainless steel. Syringes are fully autoclavable.

**Syringes are guaranteed to be leak free to pressures in excess of 750 psi.
8 mL syringes are guaranteed to be leak free to pressures in excess of 1500 psi.**

3 Viton® O'Rings are included in each syringe. 2 on the plunger, 1 on the tip. Replacement O'Ring sets in Viton® or Chemraz® materials are available.

Note: Stainless Steel syringes and parts are custom orders. Orders are non-cancelable and non-returnable.

Order Stainless Steel syringes and fittings separately. Choose either Luer Lock or SwageLok fittings, listed below the Stainless Steel syringes.

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[Back to Top](#)

Syringe Size	Maximum PSI	Tip Thread	Model #	Price Each	Lead Time
1 mL	750	1/4-28F	SYR-SS1	\$455.00	3 Weeks
3 mL	750	1/4-28F	SYR-SS3	\$471.00	3 Weeks
5 mL	750	1/4-28F	SYR-SS5	\$460.00	3 Weeks
8 mL	1500	1/4-28F	SYR-SS8	\$643.00	3 Weeks
20 mL	750	3/8-24F	SYR-SS20	\$575.00	3 Weeks
50 mL	750	3/8-24F	SYR-SS50	\$662.00	3 Weeks
100 mL	750	3/8-24F	SYR-SS100	\$754.00	3 Weeks
200 mL	750	3/8-24F	SYR-SS200	\$680.00	3 Weeks

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Fittings for Stainless Steel Syringes

Made from #316 stainless steel construction.

Replacement Fitting	Interchangeable for Syringes				Lead Time
	1, 3, 5 & 8 mL Thread: 1/4-28M		20, 50, 100 & 200 mL Thread: 3/8-24M		
	Model #	Price	Model #	Price	
Luer Lock	SYRP-SSS-LL	\$101.00	SYRP-SSL-LL	\$96.00	3 Weeks
1/16" SwageLok	SYRP-SSS-SL16	\$91.00	SYRP-SSL-SL16	\$96.00	
1/8" SwageLok	SYRP-SSS-SL8	\$91.00	SYRP-SSL-SL8	\$96.00	
1/4" SwageLok	----	----	SYRP-SSL-SL4	\$96.00	

Replacement O'Rings for Stainless Steel Syringes

O'Rings insure against leakage. Syringes are guaranteed to be leak free to pressures in excess of 700 PSI. Stainless Steel Syringes come standard with Viton® O'Rings. Chemraz® O'Rings are ordered separately and are for applications requiring higher chemical resistance. Each syringe uses 3 O'Rings, which are included in each set.

Replacement O'Ring Set Type	for Stainless Steel Syringe Sizes	Model # (Set of 3)	Price Each	Lead Time
Viton®	1, 3 & 8 mL	SYRP-SSORV8	\$41.00	3 Weeks
	5 mL	SYRP-SSORV5	\$41.00	
	20 mL	SYRP-SSORV20	\$41.00	
	50 mL	SYRP-SSORV50	\$41.00	
	100 mL	SYRP-SSORV100	\$41.00	
	200 mL	SYRP-SSORV200	\$41.00	
Chemraz®	1, 3 & 8 mL	SYRP-SSORK8	\$250.00	3 Weeks
	5 mL	SYRP-SSORK5	\$254.00	
	20 mL	SYRP-SSORK20	\$280.00	
	50 mL	SYRP-SSORK50	\$430.00	
	100 mL	SYRP-SSORK100	\$420.00	
	200 mL	SYRP-SSORK200	\$520.00	

Plumbing Supplies



Plumbing Supplies

Peristaltic Pump Tubing

Plumbing Supplies

- **Dual Check Valve** has a fixed male luer lock outlet port, female luer lock inlet port and female luer lock control port. 3 psi cracking pressure. Made with polycarbonate and silicone.
- **Female and Male Luer Barb** Made from nylon. Fits 1/8" ID tubing.
- **"Y" Connector Slip** Made from white nylon. Fits 1/8" ID tubing (3.2 mm).
- **PVC Tubing** is a special non-toxic formulation of the highest quality polyvinyl chloride and special plasticizers without extenders or fillers. Clear water-transparency and absolute flexibility with dimensional stability. Ideal for many applications in the laboratory, chemical and industrial plants.
- **Silicone Tubing** is peroxide cured.
- **PTFE Tubing** is a smooth, non-porous and dimensionally stable tubing.
- **Dual Pump Plumbing Kit** is for use with our [continuous infusion system](#) or [dual infusion system](#). The kit comes pre-assembled, just attach the syringes.

[Back to Top](#)

Description	Model #	Quantity of	Price
Dual Pump Plumbing Kit	P-DKIT	1	\$20.00
Dual Check Valve (For Continuous Refill / Infusion)	Q-DVALVE	1	\$4.00
Connector: Luer Lock Female to Female (Connects Syringe Tip to Syringe Tip)	Q-F2FL	1	\$0.55
	Q-F2FL-PK50	50	\$25.00
Connector: Luer Lock to Barb, fits 0.125"ID tubing, Female (Adds Luer Lock fitting to tubing. Connects to Syringe Tip)	Q-FL	1	\$0.50
	Q-FL-PK50	50	\$23.00
Connector: Luer Lock to Barb, fits 0.125"ID tubing, Male (Adds Luer Lock fitting to tubing)	Q-ML	1	\$0.50
	Q-ML-PK50	50	\$23.00
"Y" Connector: Slip, fits 0.125"ID tubing	Q-Y	1	\$0.65
Tubing: 0.125"ID x 0.188"OD, PVC	Q-T125	1 ft.	\$0.30
Tubing: 0.125"ID x 0.250"OD, Silicone	Q-TS125	1 ft.	\$3.00
Tubing: 0.125"ID x 0.250"OD, PTFE	Q-TPTFE125	10 ft.	\$60.00

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Peristaltic Pump Supplies

Peristaltic Pump Tubing

Formulated to withstand the high temperatures frequently occurring during food and beverage processing, **Food Grade Tubing** will outlast and outperform virtually all other food grade tubing. **Industrial Grade Tubing** outlasts and outperforms other specialty rubber tubing. It will not weaken or crack after years of exposure to heat and ozone. **Chemical Resistant Tubing** provides the most flexibility, highest temperature resistance and longest pump life available in a clear, plasticizer/oil free tubing. **Ultra Chemical Resistant Tubing** is virtually unaffected by acids, bases, ketones, salts and alcohols fitting the requirements of many applications from battery acid filling to hazardous material handling.

Peristaltic Pump Head Kits

The **PERI-HEAD-KIT-YG4** is a 4 roller 1/16"ID tubing kit for low volume, higher precision dispensing. Maximum dispense rate is 75 mL/min. This kit includes green 4 roller head, 4 ft. of

tubing, 8" nylon clamp ties, reduction couplers, and a vial of lubricant.

The **PERI-HEAD-KIT-YB2** is a 2 roller 3/16"ID tubing kit. Maximum dispense rate is 775 mL/min. This kit includes blue 2 roller head, 4 ft. of tubing, 8" nylon clamp ties and a vial of lubricant.

The **PERI-HEAD-KIT-HGC2** is a 2 roller 1/4"ID tubing kit. Maximum dispense rate is 1000 mL/min. This kit includes clear 2 roller head, 4 ft. of tubing, 8" nylon clamp ties and a vial of lubricant.

Please note: The actual dispensing values depend on the following:

- Line Pressure
- Liquid Viscosity
- Pumping Speed
- Calibration function improves accuracy.

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[Back to Top](#)

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NE-9000B Accessories Description	Model #	Purchase Interval	Price Each	Lead Time
NE-9000B Peristaltic Pump Head Kit Blue Head with 2 Rollers Industrial Tubing 3/16"ID x 5/16"OD x 1/16" Wall Clamp Ties: Nylon, quantity 4; Vial of lubricant	PERI-HEAD-KIT-YB2	each	\$66.00	In Stock
Industrial Grade Tubing 3/16"ID x 5/16"OD x 1/16" Wall, Color: Black	Q-TP-IND1-3/16	5 Ft.	\$3.00 per ft.	In Stock
Food Grade Tubing 3/16"ID x 5/16"OD x 1/16" Wall, Color: Tan	Q-TP-FD1-3/16	5 Ft.	\$3.50 per ft.	In Stock
Chemical Resistant Tubing 3/16"ID x 5/16"OD x 1/16" Wall, Color: Clear	Q-TP-2001-3/16	10 Ft.	\$5.00 per ft.	5 Days
Ultra Chemical Resistant Tubing 3/16"ID x 5/16"OD x 1/16" Wall, Color: Clear	Q-TP-2375-3/16	10 Ft.	\$4.00 per ft.	5 Days
8" Nylon Clamp Ties 2 needed per head	Q-ZIPTIE-TST	each	\$0.25	In Stock
Silicone Grease Lubricant: 1oz vial	PERI-GREASE	each	\$4.00	In Stock

NE-9000G Accessories Description	Model #	Purchase Interval	Price Each	Lead Time
NE-9000G Peristaltic Pump Head Kit Green Head with 4 Rollers PharMed® Tubing 1/16"ID x 3/16"OD x 1/16" Wall Clamp Ties: Nylon, quantity 4; Reduction coupler, quantity 4 Vial of lubricant	PERI-HEAD-KIT-YG4	each	\$126.00	In Stock
PharMed® Tubing 1/16"ID x 3/16"OD x 1/16" Wall, Color: Tan	Q-TP-PMED-1/16	5 Ft.	\$7.00 per ft.	In Stock
Food Grade Tubing 1/16"ID x 3/16"OD x 1/16" Wall, Color: Tan	Q-TP-FD1-1/16	5 Ft.	\$3.50 per ft.	In Stock
Reduction Coupler 3/32"ID x 1/16"ID in High Density Polyethylene, 2 needed per head	Q-P3/32-1/16HDPE	each	\$1.00	In Stock
8" Nylon Clamp Ties 2 needed per head	Q-ZIPTIE-TST	each	\$0.25	In Stock
Silicone Grease Lubricant: 1oz vial	PERI-GREASE	each	\$4.00	In Stock

NE-9004 Accessories Description	Model #	Purchase Interval	Price Each	Lead Time
NE-9004 Peristaltic Pump Head Kit Clear Head with 2 Rollers Industrial Tubing 1/4"ID x 3/8"OD x 1/16" Wall Clamp Ties: Nylon, quantity 4; Vial of lubricant	PERI-HEAD-KIT-HGC2	each	\$126.00	In Stock
Industrial Grade Tubing 1/4"ID x 3/8"OD x 1/16" Wall, Color: Black	Q-TP-IND1-1/4	5 Ft.	\$3.50 per ft.	In Stock
Food Grade Tubing 1/4"ID x 3/8"OD x 1/16" Wall, Color: Tan	Q-TP-FD1-1/4	5 Ft.	\$4.00 per ft.	In Stock
8" Nylon Clamp Ties 2 needed per head	Q-ZIPTIE-TST	each	\$0.25	In Stock
Silicone Grease Lubricant: 1oz vial	PERI-GREASE	each	\$4.00	In Stock

International Orders

New Era Pump Systems, Inc. product line is supported around the globe by our distribution network. You can order our products from our [international distributors](#). Our syringe pumps are CE certified and we have international power supplies available. [Click here for more important details.](#)



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