

Syringe | Pump dispenser

At the heart of your pump or dispenser, and combined with the rest of the system components, syringes must provide the performance you need and rely upon.

We combine precision manufacturing of components and meticulous assembly, to product syringes of the highest quality.

Features and benefits

- High accuracy and precision.
- Robust and durable for long lifetime and reduced maintenance downtime and costs.
- Designed to perfectly fit you instrument, making them easy to use and install.
- Inert flowpath as only borosilicate glass and premium PTFE contact the aspirated fluid.

Recommended applications

- Hamilton C and CX replacements
- V3 and V6 pumps

Product specifications



Hamilton C and CX

V3 Pump

V6 Pump

Specifications	Hamilton C and CX	V6 Pump	V3 Pump
Stroke length	60 mm	60 mm	30 mm
Thread connection	1/4-28 UNF	1/4-28 UNF	1/4-28 UNF
Thread in plunger	6-32 UNC	4.8 mm hole	4.8 mm hole
Capacities	25 µL to 25 mL	25 µL to 25 mL	50 µL to 5 mL
Operating temperature range	10°C to 40°C	10°C to 40°C	10°C to 40°C
Front fitting diameter	50 µL to 500 µL = 9.9 mm 1 mL = 10.4 mm 2.5 mL = 12.0 mm 5 mL = 15.0 mm 10 mL = 20 mm	25 µL to 1 mL = 10.1 mm 2.5 mL = 12.2 mm 5 mL = 14.5 mm 10 mL = 19.8 mm 25 mL = 29.0 mm	500 µL = 10.1 mm 1 mL = 10.8 mm 2.5 mL = 14.5 mm 5 mL = 19.8 mm
Back fitting diameter	50 µL to 500 µL = 14.2 mm 1 mL = 14.2 mm 2.5 mL = 15.6 mm 5 mL = 23.1 mm 10 mL = 28.0 mm	N/A	500 µL = 1.5 mm 1 mL = 1.7 mm 2.5 mL = 1.9 mm 5 mL = 1.9 mm

Specifications	Hamilton C and CX	V6 Pump	V3 Pump
Glass barrel diameter	50 μ L to 500 μ L = 8 mm 1 mL = 9 mm 2.5 mL = 11 mm 5 mL = 14 mm 10 mL = 18.5 mm	25 μ L to 500 μ L = 8 mm 1 mL = 9 mm 2.5 mL = 11 mm 5 mL = 14 mm 10 mL = 18.5 mm 25 mL = 27 mm	500 μ L = 8 mm 1 mL = 9 mm 2.5 mL = 11 mm 5 mL = 14 mm
Plunger button diameter	50 μ L to 500 μ L = 12.7 mm 1 mL = 12.6 mm 2.5 mL = 11.9 mm 5 mL = 11.9 mm 10 mL = 14 mm	N/A	N/A
Orifice	50 μ L to 500 μ L = 1.0 mm 1 mL to 10 mL = 1.5 mm	25 μ L = 0.7 mm 50 μ L = 0.6 mm 100 μ L = 0.6 mm 250 μ L = 1.0 mm 500 μ L = 1.2 mm 1 mL = 1.5 mm 2.5 mL - 25 mL = 1.9 mm	25 μ L = 0.7 mm 50 μ L = 0.6 mm 100 μ L = 0.6 mm 250 μ L = 1.0 mm 500 μ L = 1.2 mm 1 mL = 1.5 mm 2.5 mL - 25 mL = 1.9 mm

For more information about this product visit www.trajanscimed.com or contact techsupport@trajanscimed.com

Specifications are subject to change without notice.

Analytical syringes manufactured by Trajan Scientific and Medical are intended for analytical and laboratory use only and are not intended or approved for use with food, including the production or packaging of food, nor medical or human in-vivo use.