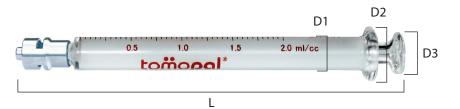


2ml Glass Syringe

with metal luer lock



Iomo	pai Part #	140-1502

Piston Outside Diameter:6.45 mm ± 0.10 mmD1) Barrel Diameter Outside:9.95 mm ± 0.20 mmD2) Barrel Collar Diameter:16.40 mm ± 0.50 mmD3) Piston Collar Diameter:12.25 mm ± 0.75 mmL) Length:115.00 mm ± 0.50 mm

Increment: 0.05 ml

Volume: 2.0 ml $\pm 1.5\%$ of volume

Features:

- · The syringe is made from heat resistant borosilicate glass.
- The material and construction is resistant to breakage from shock and sudden temperature changes.
- It is annealed and tested until free of internal strain, to withstand repeated washing with hot water.
- Reinforced at luer lock tip and barrel base, the points at which most breakage occurs.
- The cylinder-plunger fit is leak proof and meets the requirements of Federal Specification GG -S- 921b.
- Plunger is individually ground and fitted to barrel for smooth movement with no back flow.
- Barrel rim is flat on both sides to prevent rolling and is wide enough for convenient finger tip grip.
- · The syringes are available in custom fit design. The custom fit syringes are uniquely numbered for matching piston and barrel.
- The metal luer lock tip meets the specification of American National Standards for Medical Materials luer taper fitting performance, HIMA MD 70.1 - 1983.
- · The metal luer lock fitting is made from chrome-plated brass and fits all female luer lock fittings.
- The syringe is clearly marked with graduations of 0.05 ml and 0.5 ml. The graduations are permanently fused for lifetime legibility.

Glass Properties:

Expansion coefficient:	52 +/- 10 ⁻⁷ / Centigrade
Density:	2.36g +/- 0.03g CM ³
Modulus of elasticity:	64 +/- 10 ³ mm ⁻²
Water resistance:	First Class
Acid resistance:	First Class
Alkali resistance:	First Class

Softening point: 785 @ degrees centigrade

Melting temperature: 1260 @ degrees centigrade

Strain point: 525 @ degrees centigrade

Annealing point: 570 @ degrees centigrade

Hardness: 7
Color: Clear