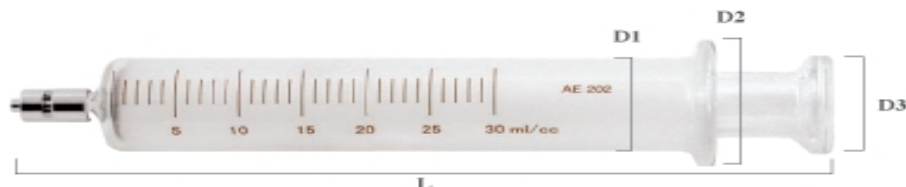




30.0 ml Volume Product Specifications



| Catalog No. | Description |
|-------------|--|
| 1005170 | 30.0 ml Glass Syringe - Interchangeable borosilicate glass syringe with permanently fused graduations and unique identifier. Reinforced flanges are flat on two sides to avoid rolling. Supplied with metal luer-lock tip. |

Dimensions

| | |
|------------------------------|------------------------------|
| Piston Outside Diameter | 22.90 mm \pm 0.20 mm |
| Barrel Diameter Outside (D1) | 27.30 mm \pm 0.40 mm |
| Barrel Collar Diameter (D2) | 37.55 mm \pm 0.75 mm |
| Piston Collar Diameter (D3) | 27.95 mm \pm 0.65 mm |
| Length (L) | 163.00 mm \pm 0.50 mm |
| Increment | 1.0 ml |
| Volume | 30.0 ml \pm 1.5% of volume |

Glass Properties

| | |
|-----------------------|---|
| Expansion coefficient | 52 \pm 10 ⁻⁷ /centigrade |
| Density | 2.36g \pm 0.02g cm ³ |
| Modulus of elasticity | 64 \pm 10 ³ mm ⁻² |
| Water resistance | First Class |
| Acid resistance | First Class |
| Alkali resistance | First Class |
| Softening point | 785 °C |
| Melting temperature | 1260 °C |
| Strain point | 525 °C |
| Annealing point | 570 °C |
| Hardness | 7 |
| Color | Clear |

- 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 available in universal fit or custom fit design. The custom fit syringes are uniquely numbered for matching.
- 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 fitting is made from chrome-plated brass and fits all female luer lock fitting.
- The syringe is clearly marked with graduations of 1 ml and 5 ml. The graduations are permanently fused for lifetime legibility.

How to reach NTT

For routine requests for information, you can contact us via phone, mail, or e-mail through the internet at info@nttworldwide.com or through our website: <http://www.nttworldwide.com>

| | | | |
|-----------------|-----------------------|---|-------------------------------|
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| Phone: | 916-383-6800 | Shipping/Mailing | Northern Technology & Testing |
| Fax: | 916-383-7794 | Address: | 8140 Industrial Parkway, #8 |
| Toll Free: | 800-590-0688 | | Sacramento, CA 95824 |