

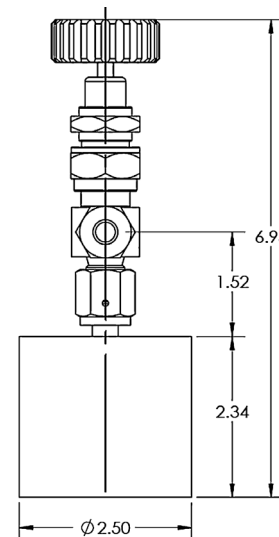
GEMStar XT™ ARR-40591B-DOT ALD Material Bottles



Atomic Layer Deposition precursors filling up to 125ml, the Arradiance designed bottle require less frequent replacement and safe for most precursor chemistries.

GEMStar XT™ supports up to 6 of these simultaneously.

- ◆ DOT 4B certified
- ◆ Supported by most major ALD precursor suppliers
- ◆ Cleanable and reusable
- ◆ Use with Bottle Heater Jackets (ARR-850593) for accurately controlled heating



Molecular Innovation™

| GEMStar ALD Material Bottle Specifications | |
|--|---------------------------------|
| Compatibility | All GEMStar Systems |
| DOT Specification | 4B-200 |
| Cylinder Size | 2.5" Diameter |
| Cylinder Material | 316L Stainless Steel |
| Cylinder Total Volume | 135 ml |
| Cylinder Max Fill | 125 ml |
| Design Pressure | 200 psi |
| Max Pressure | 400 psi |
| Recommended Operational Temperature up to | 175 °C |
| Connection Type | ¼" Male VCR |
| Valve Type | Manually Operated Bellows Valve |