**Introduction**

Precision liquid medicine filter uses a modified acrylic housing material, this liquid medicine filter is designed to withstand higher operating pressures and exposure to alcohols. With its advanced sealing technology and the proven drug compatibility of PES or PP membrane, this precision liquid medicine filter ensures the increased level of patient safety and protection required in liquid medicine filtration.

**Feature**

- High performance anti-bacterial filtration
- Physical performance: the filtration rate of 5um atom in the liquid should be more than 90%
- Flat filter design promotes greater patient comfort with its low profile
- Easier connection and positioning with rotating male luer lock hub.
- 100% bacterial retention
- New housing material withstands higher operating pressures
- Non-toxic, no heat source, no hemolysis, no stimulation

**Patient Protection**

- **Air:** preventing air embolism
- **Particles:** protecting the circulatory system against the undesirable effects of infusing particulate contamination, including flocculates and precipitates. Protecting the vein during peripheral infusion
- **Enlarged lipid droplets:** Significantly reducing the number of droplets (>5 um) in emulsions
- **Microbes:** reducing the risk of infection due to inadvertently contaminated infusates, particularly with fungi of clinical importance

**Applications**

- Intravenous, epidural, and subcutaneous syringe filter bolus drug administration
- Medical filtration and contamination control