



Official website  
企业官网

本产品通过 FDA 510(k)、EMA 及 中国NMPA对无菌滴眼液包装的严苛要求。符合 ISO 15759医疗包装无菌性认证、USP<771> 眼用制剂包装性能测试和EU Annex 1 无菌药品生产质量管理规范。

This product meets the stringent requirements for sterile eye drop packaging from FDA 510(k), EMA, and China NMPA. It complies with ISO 15759 Medical Packaging Aseptic Certification, USP<771>Packaging Performance Testing for Ophthalmic Preparations, and EU Annex 1 Quality Management Specification for Sterile Drug Production



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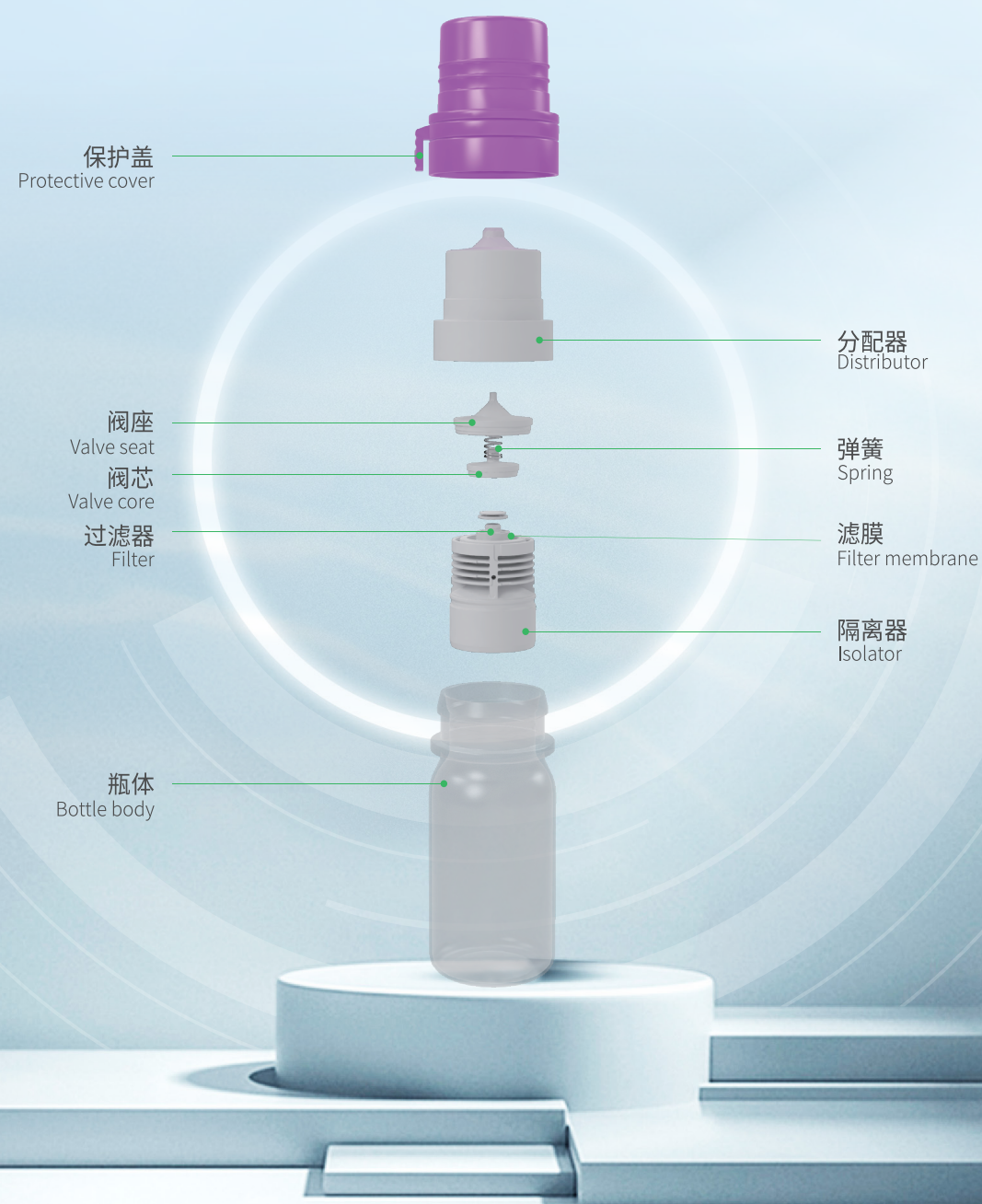


眼科药物无防腐剂多剂量递送系统  
**Preservative Free Multi-Dose  
Ophthalmic Drug Delivery System**



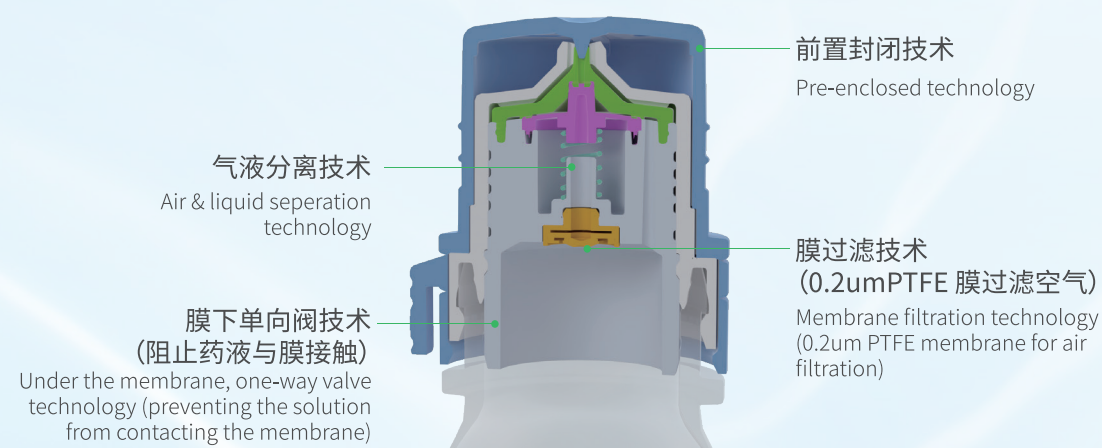
# Preservative-Free Multi-Dose Ophthalmic Drug Delivery System

## 眼科药物无防腐剂多剂量递送系统



- 2016** | 研发首个阻菌药液包装系统 CN209596205U (已授权实用新型专利)  
Developing the first antibacterial drug packaging system CN209596205U (Authorized Utility Model Patent)
- 2018** | 第一代滴液无残留阻菌药液包装技术 CN209790161U (已授权实用新型专利)  
The packaging technology of the first generation of non residue antibacterial liquid drops CN209790161U (Authorized Utility Model Patent)
- 2021** | 研发新一代双向单通道具有阻菌且无残留滴液过滤器包装技术 CN116172866A (已授权发明专利)  
Research and development of a new generation of bi-directional single channel filter packaging technology with antibacterial and residue free droplet filter CN116172866A (authorized invention patent)
- 2023** | 完成各项验证并提交资料CDE备案正式商业化市场推广和应用 B20230000522 (多剂量药用滴眼剂瓶阻菌过滤器)  
Complete various verifications and submit materials for CDE filing for formal commercial market promotion and application B20230000522 (Multi dose Medicinal Eye Drops Bottle Antibacterial Filter)
- 2025** | 获得美国食品和药物管理局确认 DMF:041704  
Obtain confirmation from the U.S. Food and Drug Administration (FDA) DMF 041704

### 技术优势 / Technical Advantages



### 创新功能 / Innovative Features

#### 1. 新思路 / New Ideas

多剂量药用滴眼液瓶阻菌过滤器, 为现有不同材质的多剂量系包装统, 提供不含防腐剂的药用制剂安全防护技术。  
Multi dose medicinal eye drops bottle antibacterial filter provides safety protection technology for eye preparations without preservatives for existing multi dose packaging systems of different materials.

#### 2. 新结构 / New Structure

瓶内不含防腐剂的药液, 利用阀片与0.2微米除菌滤膜的结构与外界普通空气隔离。在系统使用过程中, 挤压瓶身输出药液, 松开瓶身, 瓶身内部产生负压, 环境中的普通空气, 通过阻菌过滤器进行过滤, 进入瓶身内, 防止微生物污染。  
The medicine solution without preservatives in the bottle is isolated from the external ordinary air using a valve plate and a 0.2 micron sterilization filter membrane structure. During the use of the system, squeezing the bottle body to make the medicine liquid flow out, releasing the bottle body, and generating negative pressure inside the bottle body. Ordinary air in the environment is filtered through a anti-bacteria filter and goes into the bottle body to prevent microbial contamination.