



## **NEWS RELEASE**

### **DISTILLATION SYSTEMS FOR HEAT-SENSITIVE BIOMEDICAL MATERIALS**

Heat Sensitive, high molecular weight, high boiling point, or viscous, materials are readily and gently distilled and separated in Pope Wiped-Film Still systems such as the unit pictured. These systems are proven and validated worldwide for critical applications such as devolatilizing and removal of unreacted monomer from injectable and implantable polymeric silicone and other chemistry based materials and devices. Examples include synthetic vitreous humor and corneas for ophthalmological procedures, artificial heart valves, aortic aneurysm sleeves, temporary burn and other skin applications, pharmaceutical delivery and release compounds, and many other injectable, ingestible, and implantable materials, prosthetics and devices. Laboratory, pilot plant and production scale units are offered, all utilizing the same design, simplifying process coordination between scales. Single or multiple stage systems in various configurations are optimized for molecular distillation, evaporation, concentration, plus hybrid column fractionation. Key features include high vacuum capability, short (seconds) residence time and optimized thin film mixing, transport, and thickness control, resulting in highest quality and yield of product, minimized degradation. This process technology is also ideal for foods, flavors, fragrances, pharmaceuticals, oils, polymers, specialty chemicals, biomaterials, extracts, waxes,

cosmetics, and many other critical materials. Applications testing, process development and toll processing services are offered. For additional information, contact Pope Scientific, Inc., P.O. Box 80018, Saukville, WI 53080. Ph: (262) 268-9300, e-mail: [info@popeinc.com](mailto:info@popeinc.com), [www.popeinc.com](http://www.popeinc.com).