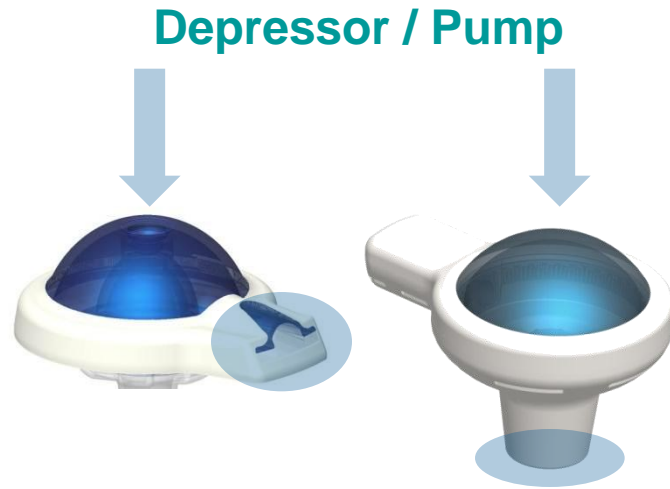
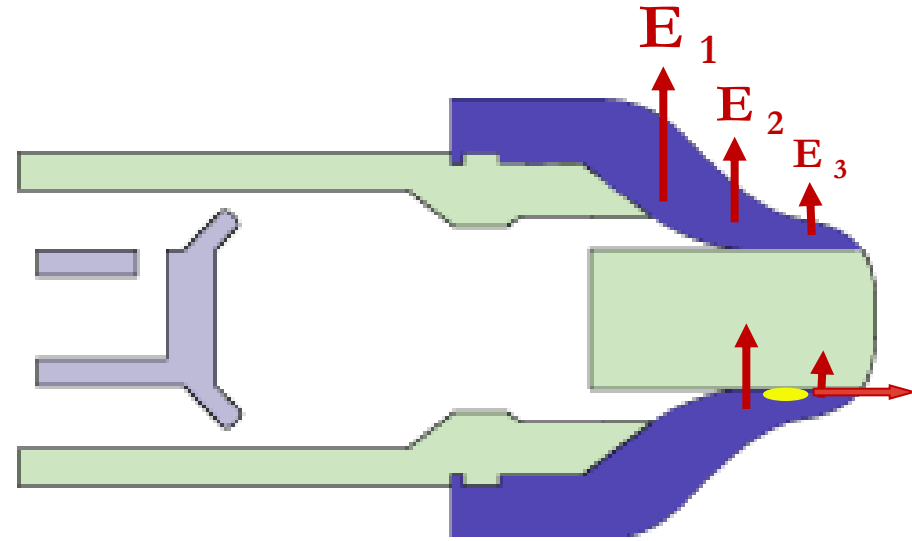


Intact™ Dispensing: PureDOSE™ One-Way Valve



The Intact™ Valve,



as an aortic artery, is a pump forcing fluid out by visco-elasticity

- The Intact™ Valve is “**closed even when it is open**”: the hoop stress differential from the base to the tip of the valve **forces the residue out, leaving no product residue for the micro-organisms to ramp in**
- **Sterile from 1st to last dose**: **No product suck back** and no residue left in the valve => The Intact™ Valve prevents germ ingress, even in septic immersion, by pure physics, through stress differential only, and no chemicals
- **> 600,000 Intact™ Valves have passed the most stringent microbiological challenge tests of the FDA**