

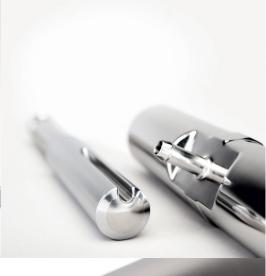
Manufacturing of high precision tooling for liquid filling



FILLING **PUMPS**

PHARMACEUTICALS R&D CLINICAL TRIALS Biopharma ADVANCED THERAPIES











Seal-less volumetric piston pumps are designed for packaging liquids. They can be used on all filling machines brands.

FEATURES

- ·Custom designed
- · Monobloc stainless steel or ceramic design, to meet pharmaceutical requirements
- . 316L Staineless steel
- ·ZrO2 + Y2O3 Yttria-stabilized zirconia (white)

ZrO2 + MgO - stabilized with Magnesia (white or yellow)

Al2O3 Alumina (>99.5%)

- · Hard chrome and PVD CrN coating (providing a high level of mechanical resistance)
- ·CIP/SIP version available
- · Watertightness-test prior to shipment (Flotest[©])
- ·CGMP compliant
- Decontamination and passivation
- $\cdot \text{Traceability documentation}$ supplied
- · Maintenance and repairing of existing devices



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