



Injection moulding with liquid silicone (LSR)

Numerous material properties such as short curing times and high durability make liquid silicone the material of choice for the medical technology industry. It can also be used to manufacture filigree and thin-walled components.

OUR LSR SYSTEM

- + **Machine type:** KraussMaffei PX 121-180 SilcoSet
incl. 6-axis robot with max. load capacity of 6 kg
- + **Locking force:** 1200 kN
- + **Cylinder diameter:** 30 mm
- + **Maximum shot volume:** 85 ccm
- + **Installation dimensions between columns:** 530 mm x 480 mm
- + **Maximum installation height:** 280 mm to 550 mm
- + **Air circulation per hour:** 25 times
- + **Clean room class:** ISO-8, conversion to clean room class ISO 6 possible

OUR DOSING SYSTEM

- + Machine type Nexus Servomix X200
- + Screw conveyor drive with unique Splitnexus technology
- + High-quality components without trapped air
- + Constant ink metering and even distribution
- + Sustainable thanks to material savings
- + Low energy consumption
- + Improved reproducibility thanks to the complete documentation of process data

