

Liquid Silicone Micro Molding

The company's liquid silicone micro molding system offers the precision of an electric injection molding unit combined with a 12 mm, specially-designed LSR screw and check disc assembly and the flexibility of a tiebarless clamp design. Based on the Victory 80/30 Electric US, the system uses a patented tiebarless clamp design which provides a larger, specially-supported platen area, combined with a specially-engineered platen with the flexibility to run small to large mold bases. The electric injection unit offers the ability to run shot volumes down to fractions of a gram. The mold is a flashless four-cavity open nozzle medical LSR umbrella valve with a total shot size of less than ½ gram. This micro shot size is accomplished by using a 12 mm screw and check disc assembly specially-designed for LSR, guaranteeing the repeatability required in micro molding applications.

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