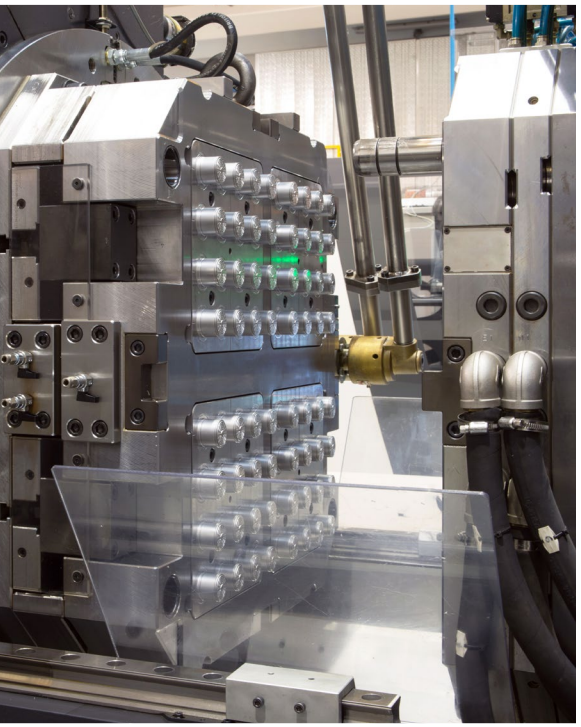

LEADER IN SPECIALIZED INJECTION MOLDING TECHNIQUES

Our advanced use of magnesium in molding accommodates high-volume production while significantly reducing the need for secondary operations like machining. This efficiency translates to cost savings and faster turnaround times for you.

Magnesium thixomolding (MAG)

Thinner, lighter and stronger parts vs. engineered plastics and die casting

Magnesium thixomolding ("thick-so-mold-ing") is a type of injection molding that uses a specialized alloy of magnesium as the raw material. This alloy has unique properties like light weight, high strength, rapid heat dissipation and inherent EMI/RFI shielding capabilities. These properties make magnesium tixomolding well-suited for medical components, providing many advantages.

We cover all the steps—from concept to component production to certified product.

Metal injection molding (MIM)

Producing metal parts with all the advantages of injection molding

Metal injection molding gives product designers an expansive palette of metal types and alloy options for parts that require special properties, such as temperature or corrosion resistance, or added conductivity or strength. This technique can create complex, precision parts for 50% less cost than that of 5-axis CNC machining and achieves faster, higher-resolution surface finishes than investment casting.

We give you a head start and reduce the risks in your medical device project.

Visit **www.phillipsmedisize.com** to discover how we can elevate your production efficiency and quality

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