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**Integrating the Worlds of Micro and Macro Technology**

Miniaturized micro technology has become a key element in more and more of today's highly complex technology systems in the rapidly growing world of life sciences. GeSiM (Gesellschaft für Silizium-Mikrosysteme mbH) is a leading edge micro technology company specializing in microfluidic laboratory automation and arraying equipment.

Our product lines feature fluid dosage and pipetting equipment down to the pico level, allowing the application of droplets the size of dust particles (less than 100 pico liters, measuring 60  $\mu\text{m}$  in size). Our highly specialized technology is widely used in applying large numbers of samples onto flat or into three-dimensional media, from glass slides to bio chips and bio sensors.

We also develop and produce microfluidic components, such as flow-through-chips, micro valves, micro sensors and application specific micro manifolds, e.g. observation cells for microscopic applications.

Many of our key components consist of silicon, glass, ceramics and high-tech plastics. They are manufactured in our own state-of-the-art clean room environments to ensure the highest quality standards. Our services include extensive expertise in integrating our microfluidic systems and components into the somber world of macro technology. We offer a solid line of highly reliable hardware and mechanical components. Our proprietary solutions allow for easy exchange of both, materials as well as information between the world of microfluidics and the macro world.