

# When Precision Counts

## GAT SERIES PUMP FOR SEMICONDUCTOR APPLICATIONS



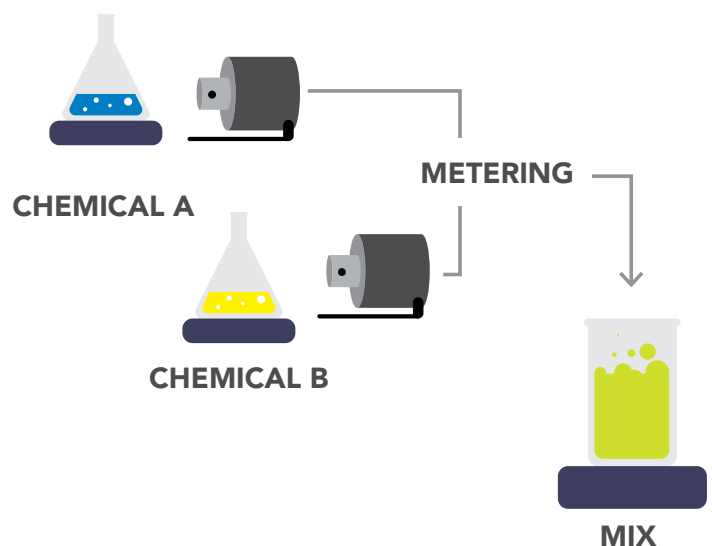
### Rugged and precise. You don't have to compromise with the GAT Series pump from Micropump®.

In semiconductor manufacturing, unintended flow variability and early pump failure are costly liabilities. Micropump®, a specialist in precision pumping for harsh environments, developed the GAT Series especially for the semiconductor manufacturing environment. Designed with the highest quality materials and drive technology, this compact pump series reliably manages harsh chemical additives without compromising the repeatable micro precision necessary in semiconductor manufacturing.

#### Precise

- Magnetically driven
- Delivers accurate metering or dosing of bath additives into the mixing chamber.
- Highly repeatable, with at least +/-5% flow rate accuracy when all fluid and system properties are held constant
- Continuous, pulseless flow at rates from 50 mL/min to 400 mL/min with a single product
  - For specialized applications, additional products are available with flow rates from 8.6 mL/min to 100 mL/min.

#### CHEMICAL ADDITIVES

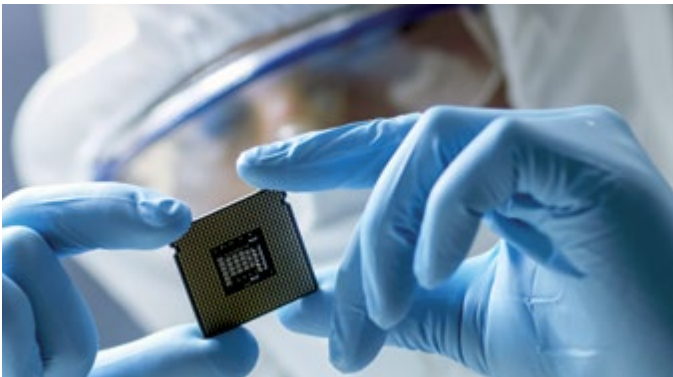


## Durable

- Nearly non-metallic configurations ensure chemical compatibility with the widest variety of additive chemistries.
- Single static seal eliminates leak potential.
- Additional Micropump® products are available in exotic metals for optimum chemical compatibility.

## Compact

- Energy-efficient integrated drive for a 9-cu-in pump and motor package with minimal footprint



## Learn More

Explore how the GAT Series Pump from Micropump® can bring precision performance and longevity to your semiconductor applications:

[www.micropump.com/applications\\_overview.aspx/precisionpumping](http://www.micropump.com/applications_overview.aspx/precisionpumping).

## About Micropump Pumping Solutions Innovator

Established in 1960, Micropump® specializes in low-flow gear pumps, offering standard models, configure-to-order options and custom solutions for OEM and industrial pump applications where precise fluid control is required. The original magnetic drive gear pump technology innovator, Micropump® is recognized today as a leader in the design and development of miniature, low-flow, positive displacement pumps; engineered composite gears for gear pumps; and electromagnetic drives.

Micropump® is unit of IDEX Corporation, a global fluidics leader serving high-growth specialized markets. IDEX is best known for expertise in highly engineered fluid systems and components, as well as fire and safety products, including the Jaws of Life® family of rescue and recovery tools.

## Global Locations

With headquarters in Vancouver, WA, and sales offices in Europe and Asia, Micropump® supplies products globally. A worldwide network of distributors and an extensive staff of qualified professionals provide personal service and customer care.

# MICROPUMP®

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