# Innovation in Miniature

### THE LEE COMPANY



Respiratory Care



Scientific Instruments



**Drug Discovery** 



Environmental Analyzers



THINK BIG. DESIGN SMALL.

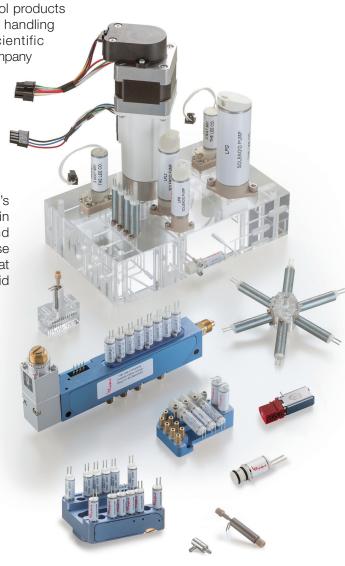
# BRING PERFORMANCE AND RELIABILITY

### TO A SMALLER PLACE

### Design with Lee Precision Fluid Control Products

Since 1948, The Lee Company has pioneered the development of miniature fluid control products for automated liquid handling in medical and scientific instruments. Lee Company valves, pumps and associated fluid handling products are recognized worldwide for outstanding quality, unmatched reliability and superior performance. Lee's unique capabilities in miniaturization and engineering expertise keep the company at the forefront of fluid flow technology.

The Lee Company maintains an international network of sales engineers ready to assist you in solving your fluid control problems.



### THE LEE COMPANY

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### innovation in miniature

# PRECISION FLUID CONTROL



Valves

Leakage

• Long Cycle Life

• 2-Way & 3-Way Designs

• Compact & Lightweight

Operation Models

• Conventional, Latching & Quiet

• Low Power Consumption & Low

## Control Solenoid Dispense Solenoid

**Valves** 

- 2-Way Axial Flow Design
- Low Internal Volume & Dispense Volumes
- Fast Response Time
- Multiple Seal Materials Available
- Long Cycle Life



## Isolation Solenoid Valves

- 2-Way & 3-Way Designs
- Chemically Inert
- Diaphragm & Pinch Tube Models
- Low Internal Volume
- Multiple Seal Materials Available



### Variable Volume Dispense Pumps

- Maintenance Free
- Standard & High Performance Models
- Wide Range of Dispense Volumes Available: 50 μL, 250 μL, 1000 μL and 3000 μL
- High Dispense Accuracy & Repeatability
- Long Cycle Life



### Fixed Volume Dispense Pumps

- · Chemically Inert
- Self-Priming
- Dispense Volumes Range from 10 to 175 µL
- High Dispense Accuracy & Repeatability
- Low Power Consumption



#### **Nozzles**

- Atomizing (Airless & Air Assisted) and Dispensing Designs
- Different Mounting Options
- Wide Range of Orifice Sizes
- Easy Integration with Lee's Dispense Solenoid Valves



#### **MINSTAC**

- Miniature Inert System of Tubing and Components
- Compatible with many of Lee's Miniature Solenoid Valves, Dispense Pumps and Nozzles
- Compact Size
- Wide Variety of Mounting Sizes and Options Available



### Manifold Assembly Technology

- Design Flexibility
- Wide Variety of Material Options & Techniques
- Integrated Components
- Reduced Assembly & Installation Costs
- Value Added Solution, 100% Tested



Electro-Fluidic Systems products are designed and manufactured at our EFS Division in Essex, CT.



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