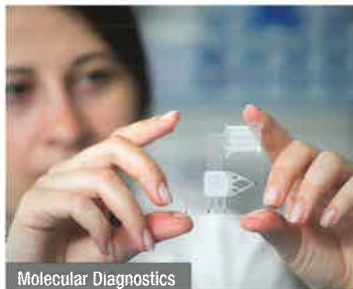




Respiratory Therapy



Molecular Diagnostics



Environmental Analyzers

# SPOTLIGHT ON INNOVATION

## GENVI™ SOLENOID VALVE



### LGV SERIES CONTROL VALVE

The Lee Company is excited to announce a new generation of versatile and innovative 3-port solenoid valves. In a miniature 10mm package, the genvi™ solenoid valve platform features high flow capacity, low leakage and ultra-low power consumption. Designed using innovative manufacturing techniques, this new valve offers not only unmatched reliability, but also an economical price point suitable for molecular diagnostics, respiratory therapy, compression therapy, environmental monitors, breath analyzers and other applications where performance and reliability are paramount.

When designing portable or stationary instruments, OEMs are often challenged with meeting aggressive size, power and weight limitations, without sacrificing the remaining elements of system-level performance. Each subcomponent is therefore pushed to offer improved performance within a smaller footprint.

With a flow capability up to 40 LPM at 15 psig, and power as low as 318 mW, the LGV Series valves were designed to optimize system performance. An extremely tight leakage rating reduces compressor demand and further underscores the valve's ability to provide consistent long-term operation across an extensive cycle life. Performance characteristics can be further optimized to meet specific application requirements.



### PERFORMANCE

- High Flow Capacity: 40 LPM at 15 psid
- Ultra-Low Power Consumption: 318 mW at Hold Voltage
- 25 Million Cycle Life
- Low Leakage: 25 µLPM (max)
- Response Time: Less Than 10 ms

### APPLICATIONS

- Molecular Diagnostics
- Oxygen Delivery
- Compression Therapy
- Ventilators
- Environmental Analyzers
- Breath Analysis



## HIGH FLOW, LOW POWER AND LOW LEAKAGE

ACROSS AN EXTENSIVE CYCLE LIFE.

### THE LEE COMPANY

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