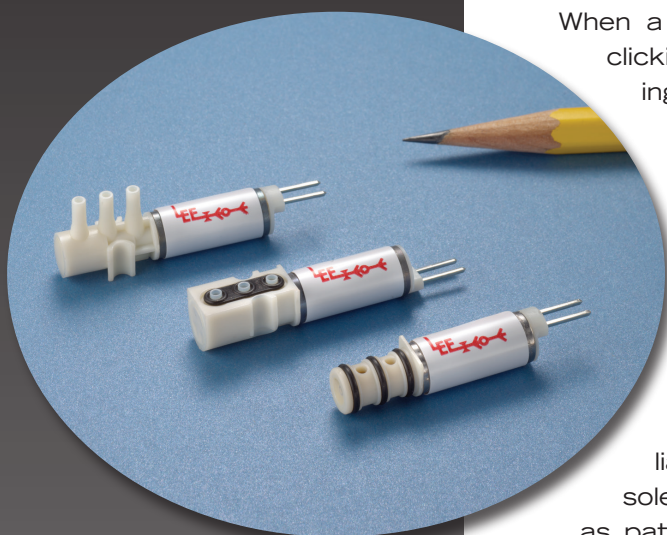


## SPOTLIGHT ON INNOVATION



# LHQ SERIES

## QUIET OPERATION SOLENOID VALVE



When a typical solenoid valve is energized, there is an inherent clicking sound caused by the metal-to-metal contact of the moving armature and stationary core. Patients, or device end-users, often report this sound as causing discomfort at the instrument level. Designed to solve this problem, the LHQ Series Quiet Operation HDI solenoid valve features whisper technology to significantly reduce actuation noise by 50%. This compact, lightweight 3-port solenoid valve provides a sound level measurement of less than 37 dBA when measured at a distance of 12 inches and a valve cycle frequency of 10 Hz.

Given its low sound profile, small size and exceptional reliability throughout its cycle life, the Quiet Operation HDI solenoid valve is ideal for air and mild gas applications such as patient simulators, dialysis instruments, patient monitors and other bedside medical devices. Performance characteristics can be optimized to meet specific application requirements.



### PERFORMANCE

- Low Actuation Noise
- 50% Quieter Than Our Already Best in Class HDI Design:  $\leq 37$  dBA
- Compact and Lightweight
- 25 Million Cycle Life
- Low Leakage Across Life

### APPLICATIONS

- Patient Simulators
- Dialysis Instruments
- Patient Monitoring
- Therapeutic Devices
- Portable Diagnostics

**MINIMAL ACTUATION SOUND  
AND RELIABLE PERFORMANCE ACROSS AN  
EXTENSIVE CYCLE LIFE, IN A COMPACT  
LIGHTWEIGHT PACKAGE.**

### THE LEE COMPANY

2 Pettipaug Road, P.O. Box 424, Westbrook, Connecticut 06498-0424  
Tel: 860-399-6281 • Fax: 860-399-7037 • [inquiry@theleeco.com](mailto:inquiry@theleeco.com)

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