BAL SEAL® SPRING-ENERGIZED SEALS IN HAND-HELD PIPETTES

Hand-held pipettes are used in laboratories for drawing and dispensing precise amounts of solvents, reagents, and water-based solutions. They measure volumes from 1 to 1,000 microliters, depending on the calibration.

Bal Seal® spring-energized seals are used in pipettes to provide chemical inertness and very low friction, while maintaining a generally constant force.

Operating Parameters:
Media: Most fluids
Friction: Low
Features: Ease of assembly and chemical compatibility

Selection Criteria:
Sealing jackets are made from PTFE and polyethylene and are available in FDA-compatible materials.

Bal Seal Locking Spring:
A Bal Spring® locking spring retains the disposable pipette tip. During assembly, the welded, circular spring coils are compressed, which applies a uniform radial pressure to ensure excellent holding power. Bal Spring® canted coil springs are available in a variety of loads to meet holding force requirements.

For more information and technical assistance, contact a technical sales representative.