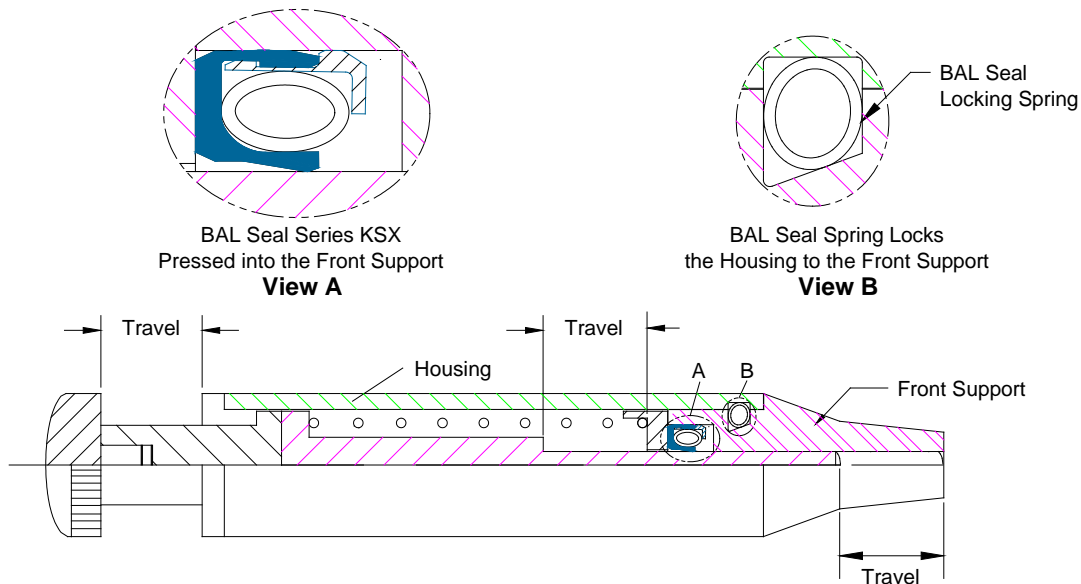


BAL SEAL® SPRING-ENERGIZED SEALS IN HAND-HELD PIPETTES

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.

PATENTS: The items described in this page include products that are the subject of issued United States and foreign patents or products where patents are pending, including the following: Patents 6,641,141 B2; 7,210,398 B2; 6,161,838; 5,992,856; 5,134,244

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