S-700 SERIES

Economy Series DC Micropositioners

Not all applications require sub-micron precision, or the cost of positioners designed for that task. The SIGNATONE S-700 Series positioners are designed for long-term reliable probing on structures larger than 5 microns, such as RF biasing, pad probing, and high-density probe card alternatives. SIGNATONE quality at a very reasonable price.



PERFORMANCE, QUALITY, VALUE

SIGNATONE®

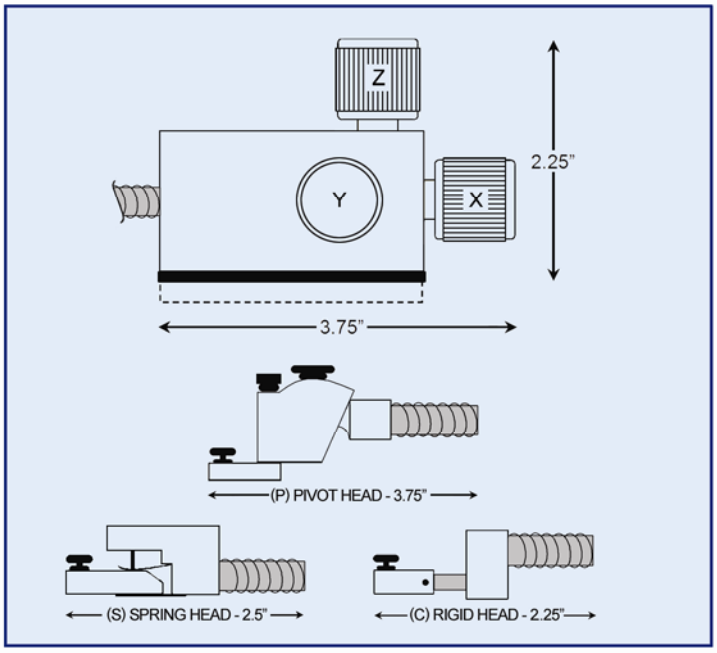
Advanced Microprobing Solutions Since 1968

S-700 SERIES

S-725

The S-725 is designed for general purpose probing of LSI circuits and hybrids. The independent, 80 TPI leadscrew drive allows accurate positioning to 5 microns. The .5" X .5" inch scanning area allows positioning on even the largest dies and hybrid circuits. Each axis is spring loaded to prevent backlash, and the control knobs are conveniently placed at the rear of the micropositioner to allow one hand to control all three axes at the same time. The probe mount is electrically isolated from the positioner body, and is attached to an integrated cable which terminates in a male pin jack connector.

The S-725 series micropositioners have been a favorite in the semiconductor industry since their introduction in 1973. The economical price and high resolution combine to make the S-725 the best value in the analytical probing market.



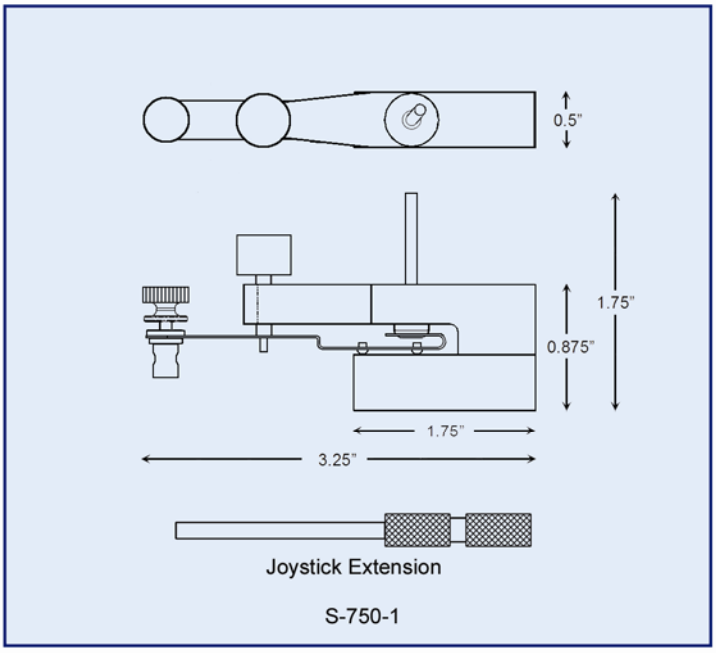
S-725-[ ][ ][ ]

- **V**acuum base, **M**agnetic base
- **R**ight-hand, **L**eft-hand
- **S** - Spring head
- **C** - Rigid head
- **P** - Pivot head

S-750

The model S-750 was developed specifically for contacting larger area structures (pads). Its small size and simple design make it easy to place multiple probes down on one device when platen space is limited. A large X-Y scanning area is augmented by the adjustable "Z" movement of the probe. The spring probe clamp is electrically isolated from the positioner body, and is connected to an 18" wire termination with a male pin jack connector installed.

A joystick extension (S-750-1) can be supplied for greater accuracy of motion. The extension joystick slips over the top of the smaller standard joystick, and a single extension joystick can accommodate any number of positioners. The S-750 is manufactured out of molded Delrin and is mounted to a strong magnetic base.



S-750 DC Joystick Positioner
S-750-1 DC Joystick Positioner w/Extension

The **S-750** supports all **S** and **U** Series probe tip holders

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