Large Sample Adapter for SM100 (4-Bot)

The Large Sample Adapter (LSA) is an arena for up to 4 miBot that is mounted on a Nanoprobing Stage (SM100). It provides space below for large/tall samples.

The LSA is tightened on the stage with a manual knob and requires no tools for installation/removal.

The large sample adapter is ideal to probe a variety of samples such as 2'' wafers, packaged samples, cross-sections, etc.

Different elevations are available to match most sample heights.

**LSA elevations available (e)\(^1\) and total stage height (h)\(^2\)**

- \(e = 5\text{mm} \quad (h = \text{min } 29\text{mm}, \text{max } 33\text{mm})\)
- \(e = 10\text{mm} \quad (h = \text{min } 34\text{mm}, \text{max } 38\text{mm})\)
- \(e = 13\text{mm} \quad (h = \text{min } 37\text{mm}, \text{max } 41\text{mm})\)
- \(e = 18\text{mm} \quad (h = \text{min } 42\text{mm}, \text{max } 46\text{mm})\)

\(^1\) The LSA is delivered in only one elevation

\(^2\) Total height depends on microscope model

Application Note:

Cross-section EBIC of a transistor array