

SMIFPO1-6 RSP150 Opener

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H-Square's semi-automatic RSP150 reticle SMIF pod opener provides easy access to photomask storage POD cassettes used on ASML, Cannon and other mask aligners. The SMIFPO1-6 tool is compatible with all standard single and multistack RSP150 and MSP150 SMIF pod designs from Entegris, ASYST, Microtome and other manufacturers.

Smooth pod opening mechanism and lift travel Z-axis are designed for reliability and cleanliness. In this newer design, the opening mechanism platform travels with the lid assembly to provide for higher accuracy and less stress on the spring mechanism. The tool is designed to be Class 1 cleanroom compatible and is ESD safe in design.

The SMIFPO1-6 opener features a mask protrusion sensor. When a multi-stack pod is being used, the tool will detect and prevent the lid from closing if a mask is not fully seated in the internal cassette.

There are no pitch points on the tool opening/closing mechanism, however, if required H-Square has an optional side shield kit available which can be quoted upon request.

Please specify 6x6x0.25" or 5x5x0.090" mask size upon order placement



- Simple user-friendly operation
- Advanced opening/closing mechanism works with all RSP style pods without modifications required
- Mask protrusion sensor protects against operator errors
- Clean, repeatable operation
- Low maintenance, low wear on the pods



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