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# VACUUM CASSETTE ELEVATOR MODEL VCE 40 LOAD LOCK

*for Applications with Flat Panel Display Vacuum Cluster Tools*



The VCE 40 is a modular construction, vacuum cassette load lock elevator with an isolated drive mechanism. The VCE 40 can accommodate 20 or 30 600 mm x 720 mm substrates and is available with an automatic vertical sliding door or a manually operated door. Incorporating Brooks Automation's fourth generation drive and sensor technology, the VCE 40 offers the maximum in reliability and flexibility.

## VCE 40 SPECIFICATIONS:

### Chamber Information

Constructed from welded stainless steel construction.

### Cassette Information

Fixed aluminum cassette mounted in the VCE chamber. Boro-silicate supports for loading and unloading panels.

### Frame Information

Welded tubular with standard black paint coating containing all required plumbing, cabling, and utilities interfaces.

### Cooling Information

Optional cooling for chamber wall

### Door Information

Manually operated door with view ports standard. Automatic vertical sliding door for use in automated fabs with atmospheric loading stations available as an option.



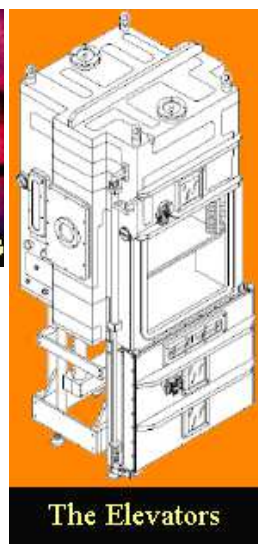
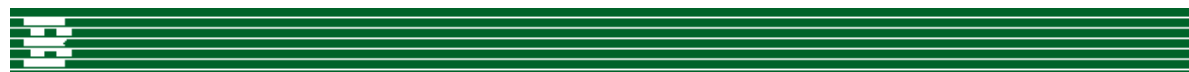
### Sensor Information

Panel in-slot sensor, panel slide out sensor, cassette present sensor, and door open/closed sensor. Automatic door option includes obstruction safety sensor.



### Control Interface Information

RS-232 or RS-422 serial communications.





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