Spin Developer Accessories 02

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Apogee™ Spinner Accessories

Many accessories are available to enhance:

- Ease of use
- Performance and control
- Cleaning and maintenance

Most can be added later

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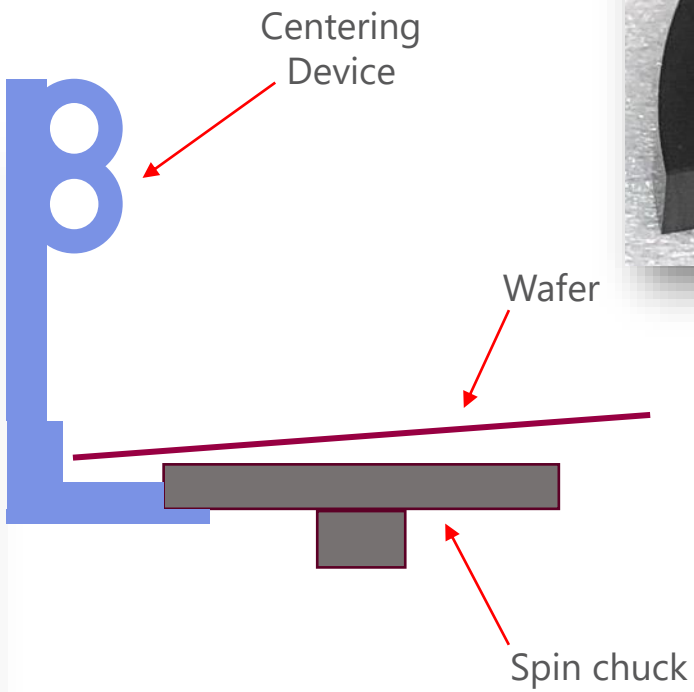
Centering Devices

Available for all popular wafer sizes

- Custom sizes on request
- Easy to use
- Repeatable



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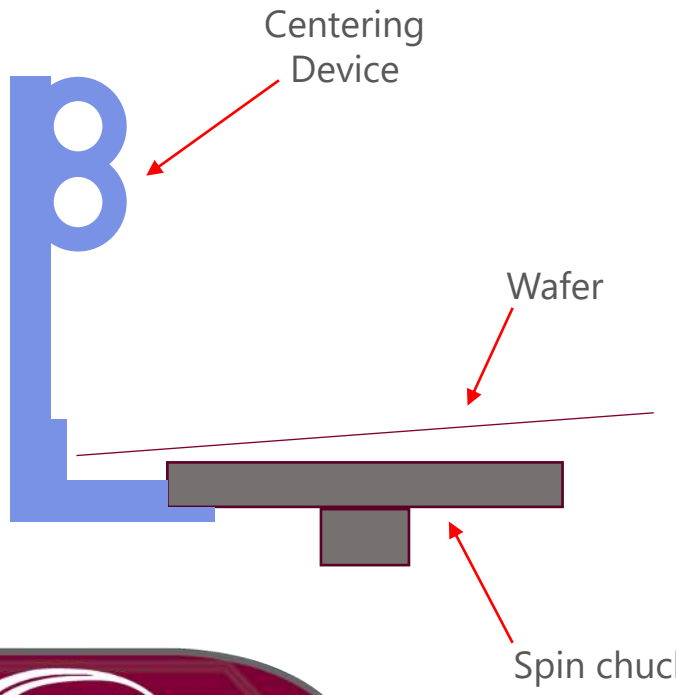
Centering Devices

https://www.youtube.com/watch?v=W3kV4bNnCYo



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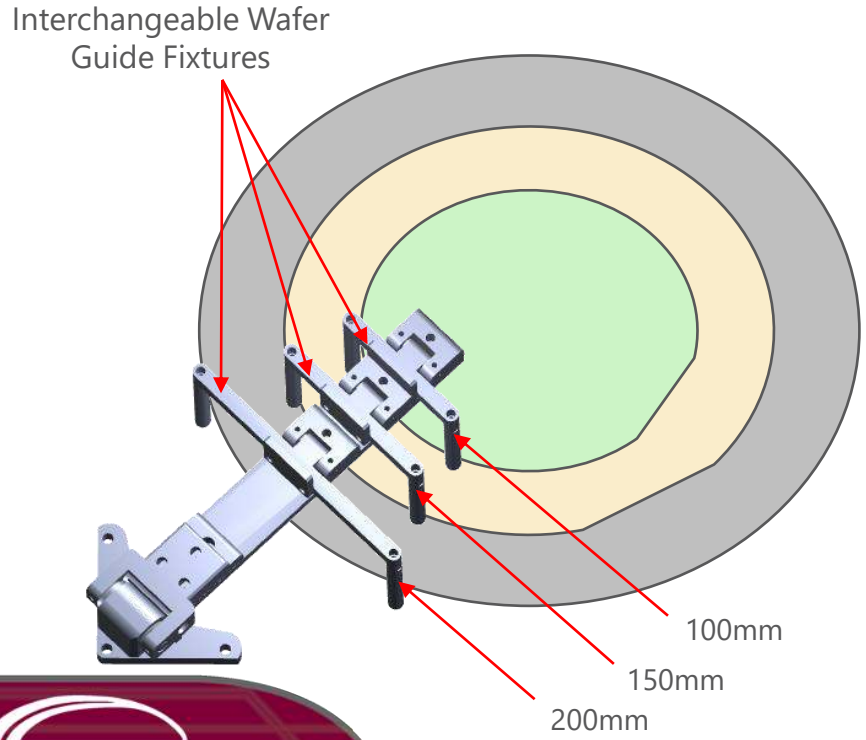
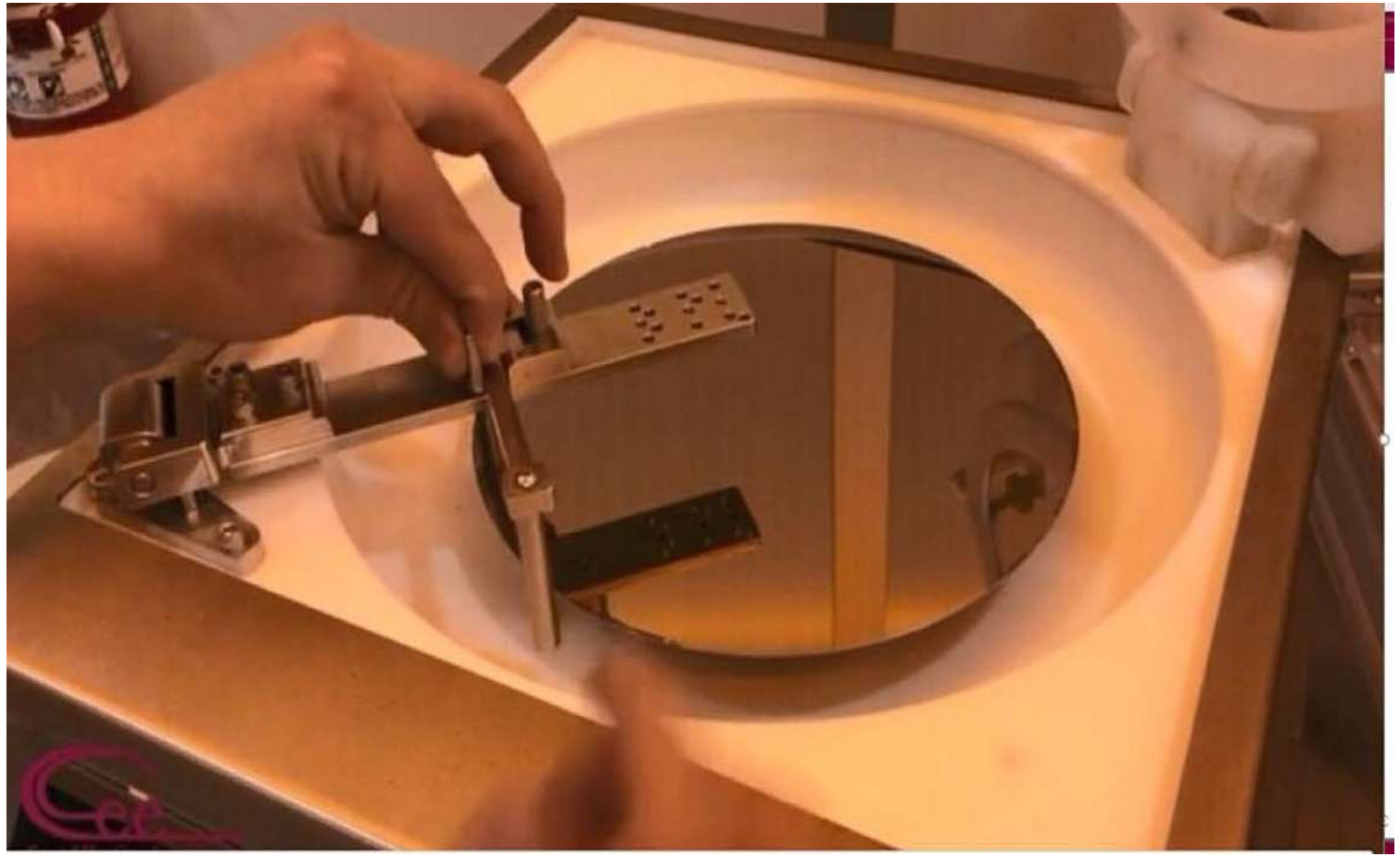
Centering Arm

- Quick and easy to use
- Best for 1 or 2 wafer sizes
- Great for production use





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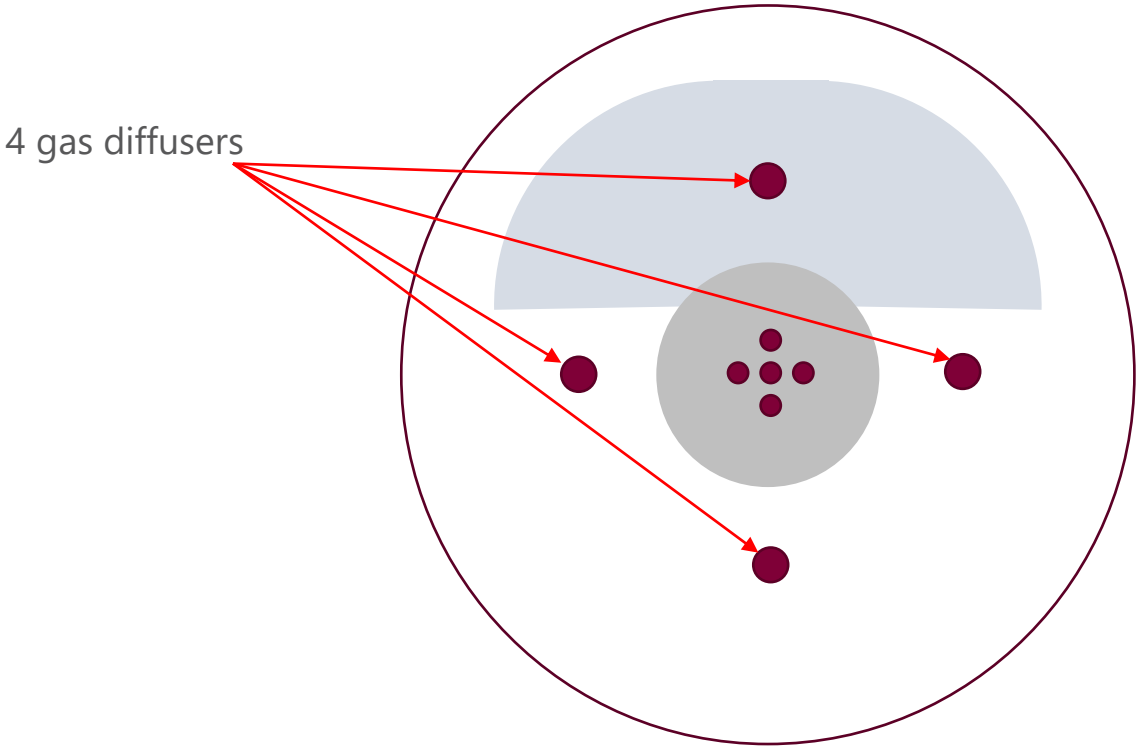
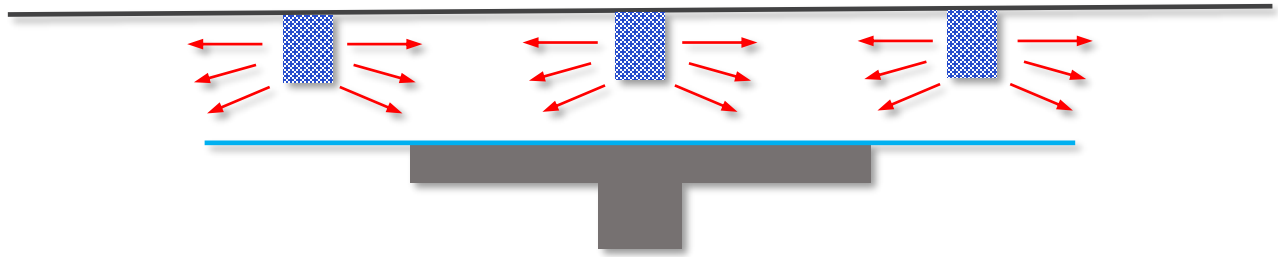
Spin Bowl Purge

- Used to reduce humidity or oxygen
- Sintered metal diffusers
- Manual or recipe controlled





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Bowl Liners

- Custom made for the Apogee™ spin bowl
- Thermoformed polypropylene
- Disposable
- Cleanable
- Affordable (10-pack pricing)

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Bowl Liners

https://www.youtube.com/watch?v=hHWr2EZWJjg

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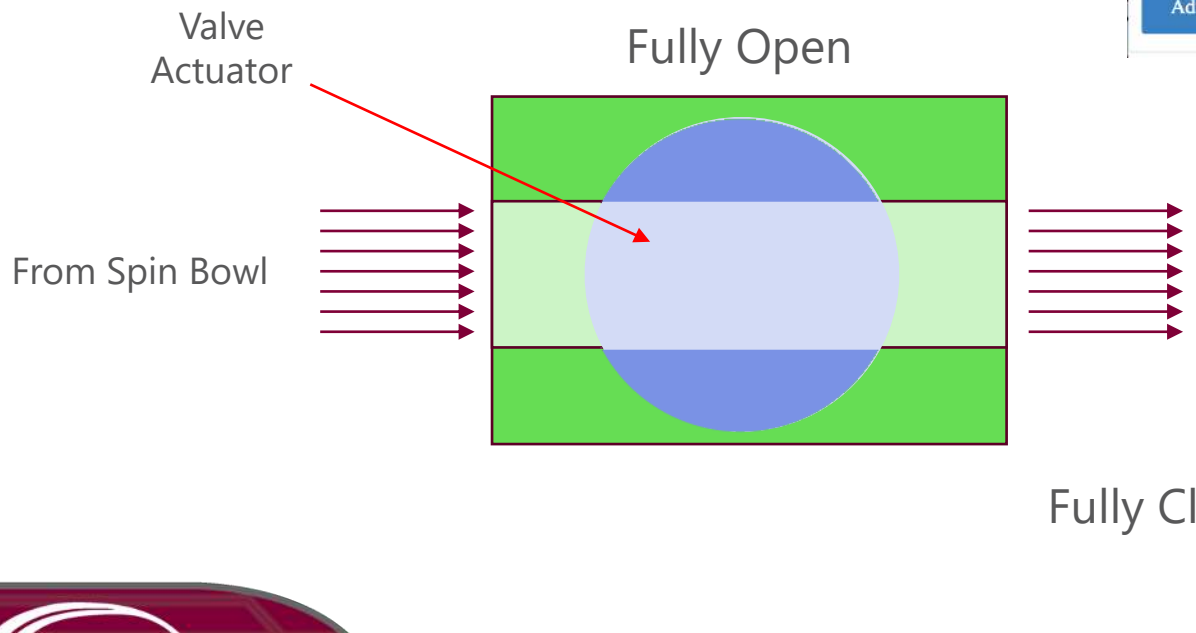
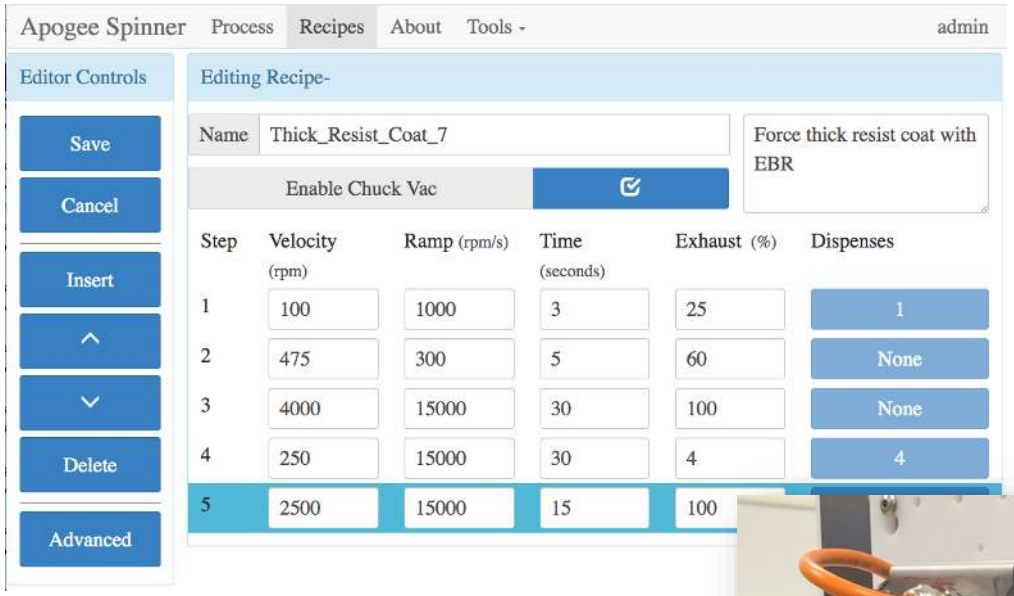
Programmable Exhaust

- Provides recipe control of spin bowl exhaust
- Control drying rate
- Good for very thick films
- Recipe line control

https://www.costeffectiveequipment.com/service-support/technical-resources/solvent-vapor-control/





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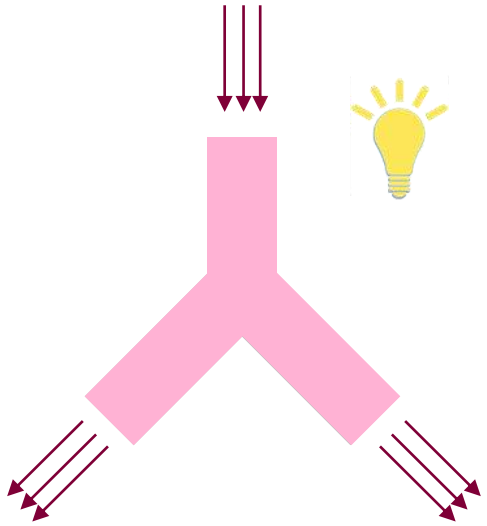
Drain Divertor Valve

Use to direct waste liquid flow between two paths

Mostly used on spin developer tools

Recipe control allows switch during process



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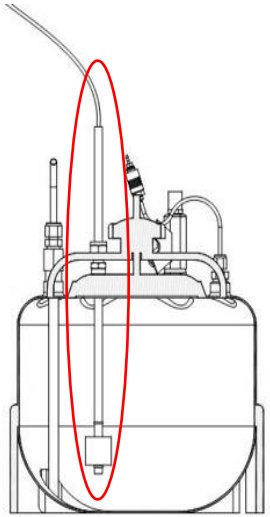
Liquid Sensors

Waste Carboy Full Sensor

- Capacitive proximity sensor outside of container
- Prevents starting a recipe when full
- Eliminates messy overflows

Pressure Can Empty Sensor

- All Teflon wetted parts
- Adjustable
- Prevents starting a recipe when fluid level is low



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