

Disposable Syringe Dispense (DSD-1)



Cee® offers multiple dispense options to accommodate your processes. Whether you need to dispense manually or want to automate, thin or thick films, large or small volumes, Cee® has you covered.

Serving the Semiconductor Industry Since 1987

SPECIFICATIONS

- Viscosity range: 1-6,000 cps (<12,000 cps with larger diameter needle)
- Max fluid pressure: 90 psi
- Manual adjustment of pressure and timing (~0.1 second)
- Reservoir sizes: 30 to 55 ml
- Automatic suckback

*Common materials include experimental materials, SU-8, Polyimide, JSR M91Y/M230Y resists, Shipley S1800 resist, AZ 1500 resist, PMMA, and AZ 5200 resist

DESIGN

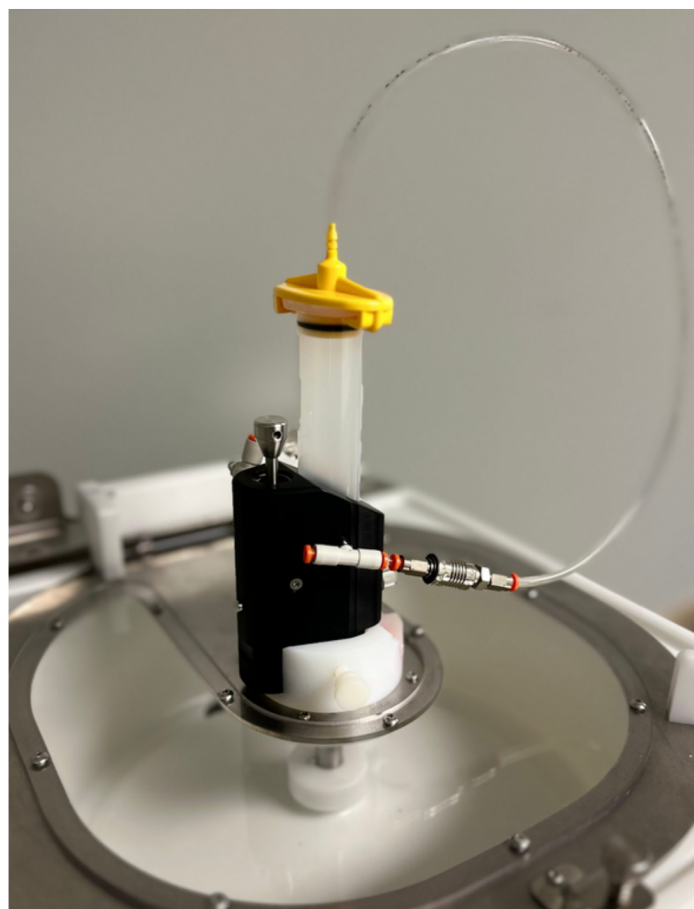
- Cee® exclusive patented device
- Quick interchange of barrels and needles
- Disposable fluid path
- Fluid path consists of PFA and chemically resistant polymer blend
- Suckback function
- Optional piston to remove air and reduce waste
- Optional in-line filter

RELIABILITY

- Industry leading uptime
- 1-year full warranty on parts and labor
- Complimentary remote technical support for the life of the product
- Application process assistance for the life of the product

DIMENSIONS

- Adds 8 inches (20 cm) to the height of the Apogee™ Spin Coater



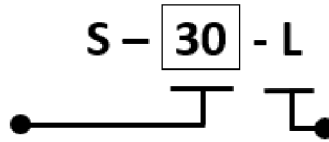
COMPONENTS

- DSD-1 dispense hub (mounted on the lid)
- DSD-1 syringe body
- Dispense needles
- Pack of syringe barrels
- 6ft (2m) of 1/8" green poly tubing (N2 source)
- 6ft (2m) of 1/8" clear poly tubing (valve trigger)

*Dispense control box required, sold separately

DSD SYRINGE CONFIGURATION

Volume	
Symbol	Volume
30	30 ml
55	55 ml
30-55	30 and 55 ml



Type of Dispense	
Symbol	Option
L	Luer Tip

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