

# Cartridge Dispense



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: 1-3,000 cps (<5,000 cps with upgraded valve)
- Max fluid pressure: 29 psi (<90 psi with upgraded valve)
- Tubing OD: 1/8" (0-100 cps) or 1/4" (100-5,000 cps)
- Valve Size: 1/8" (0-100 cps) or 1/4" (100-3,000 cps)
  - 3,000-5,000 cps with upgraded valve
- Manual adjustment of pressure, rate, and timing (~0.1 second)
- Reservoir sizes: 2.5 oz to 32 oz (73-940 ml)

\*Common materials include solvents, DUV BARCs, JSR M91Y/M230Y resists, Shipley S1800 resist, AZ 1500 resist, PMMA, and AZ 5200 resist

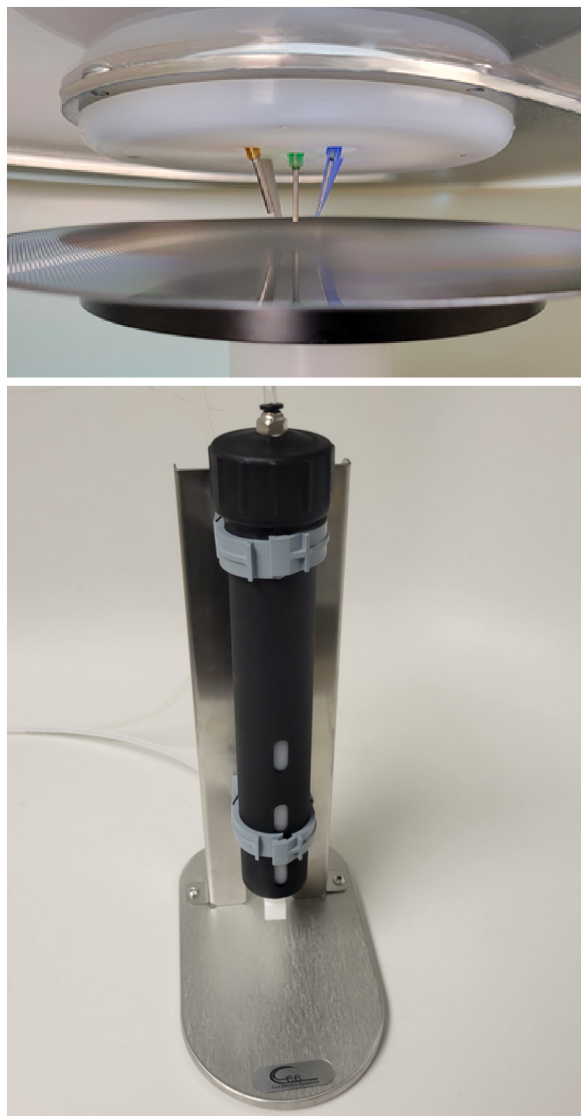
## DESIGN

- Fluid path consists of PFA, PTFE, and chemically resistant polypropylene copolymer
- FKM closure o-rings
- Pistons available to prevent mixing of fluid and air
- PTFE dispense valve with flow rate and suckback adjustment
- Assorted dispense tip gauges
- Optional in-line filter

## COMPONENTS

- Pressure canister w/ fittings and empty sensor
- Dispense valve with 12" of PFA tubing (fluid output)
- Stream nozzle and assorted tips
- 6ft (2m) of 1/8" green poly tubing (N2 source)
- 6ft (2m) of 1/8" clear poly tubing (valve trigger)
- 6ft (2m) of 1/8" or 1/4" PFA tubing (fluid source)

\*Dispense control box required, sold separately



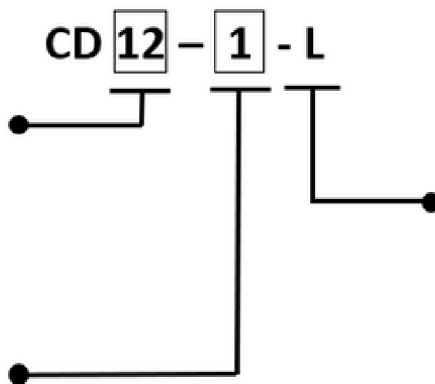
## RELIABILITY

- 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

# CARTRIDGE CONFIGURATION

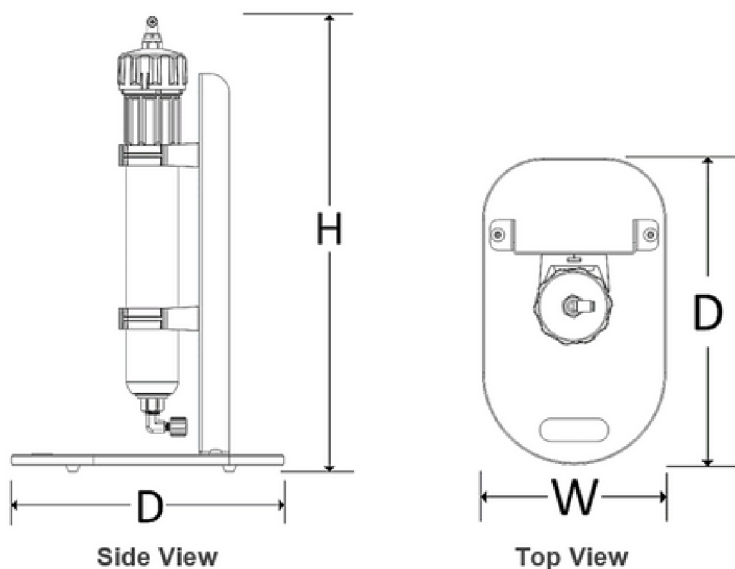
Cartridge Volume	
Symbol	Volume
2.5	2.5 oz (74 ml)
6	6 oz (177.4 ml)
12	12 oz (354.8 ml)
20	20 oz (591.4 ml)
32	32 oz (946.3 ml)

Line Size	
Symbol	Size
1	1/8"
2	1/4"



Type of Dispense	
Symbol	Option
L	Luer Tip

# DIMENSIONS



Size	Height (H)	Depth (D)	Diameter (W)
2.5 oz	18 in* (45.7 cm)	10 in (25.4 cm)	6 in (15.3 cm)
6 oz	18 in* (45.7 cm)	10 in (25.4 cm)	6 in (15.3 cm)
12 oz	18 in* (45.7 cm)	10 in (25.4 cm)	6 in (15.3 cm)
20 oz	18 in* (45.7 cm)	10 in (25.4 cm)	6 in (15.3 cm)
32 oz	18 in* (45.7 cm)	10 in (25.4 cm)	6 in (15.3 cm)

\*Add at least 12 in (30.5 cm) to the height to access the lid and top components

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