

# Solid Source Delivery Cabinet (SSDC) 1000

*A Fully Automated Delivery System for Solid Chemical Delivery*

The Solid Source Delivery Cabinet (SSDC) is a new line of solid chemical delivery equipment designed to meet the expanding needs of solid materials supply to process equipment beyond onboard containers.

By utilizing larger containers and dual container capability, the SSDC allows longer tool utilization without unnecessary down-time for container changes. The SSDC line can be configured for carrier gas or vapor delivery modes and features fully automated purge, heat up, container change, and container switchover sequences.

To ensure optimal chemical delivery, the SSDC minimizes pressure drop through the process manifold and with the multiple uniform heating zones and monitoring.

## APPLICATIONS

- Atomic Layer Deposition (ALD)
- Chemical Vapor Deposition (CVD)
- High-k capacitors and gate dielectrics

## FEATURES AND BENEFITS

- Continuous chemical supply
- Fully automated purge capability
- Automatic delivery system for redundant continuous uptime
- User configurable purging sequences
- Capable of manifold temperatures up to 200°C
  - Developing 250°C and 300°C capabilities
- Rugged PLC-based system with 12" touchscreen
  - Realtime tool side valve, temperature, and flow control optional
  - OPC UA, FTP, ethernet/IP, EtherCAT, data logging/trending
- Can be configured for carrier gas or vapor delivery modes
- Integrated valve manifold box (VMB) for optional multi-branch delivery
- Compatible with Entegris' full line of ProE-Vap® vessels



## CONFIGURATIONS

	<b>SSDC 1000</b> 1 to 3 BRANCH	<b>SSDC 2000</b> 3 BRANCH
<b>Material</b>	Configured based on intended precursor (std SS, coated, HC22)	Configured based on intended precursor (std SS, coated, HC22)
<b>Canisters</b>	Dual canisters	Dual canisters
<b>Purge</b>	Automated cycle/flow	Automated cycle/flow
<b>Outlets</b>	1 or 2 or 3	3 (independent)

## SPECIFICATIONS

	<b>SSDC 1000</b>	<b>SSDC 2000</b>
<b>Height</b>	2208 mm	2210 mm
<b>Width</b>	1316 mm	1314 mm
<b>Depth</b>	358 mm	492 mm

## FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [entegris.com](https://www.entegris.com) and select the [Contact Us](#) link to find the customer service center nearest you.

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