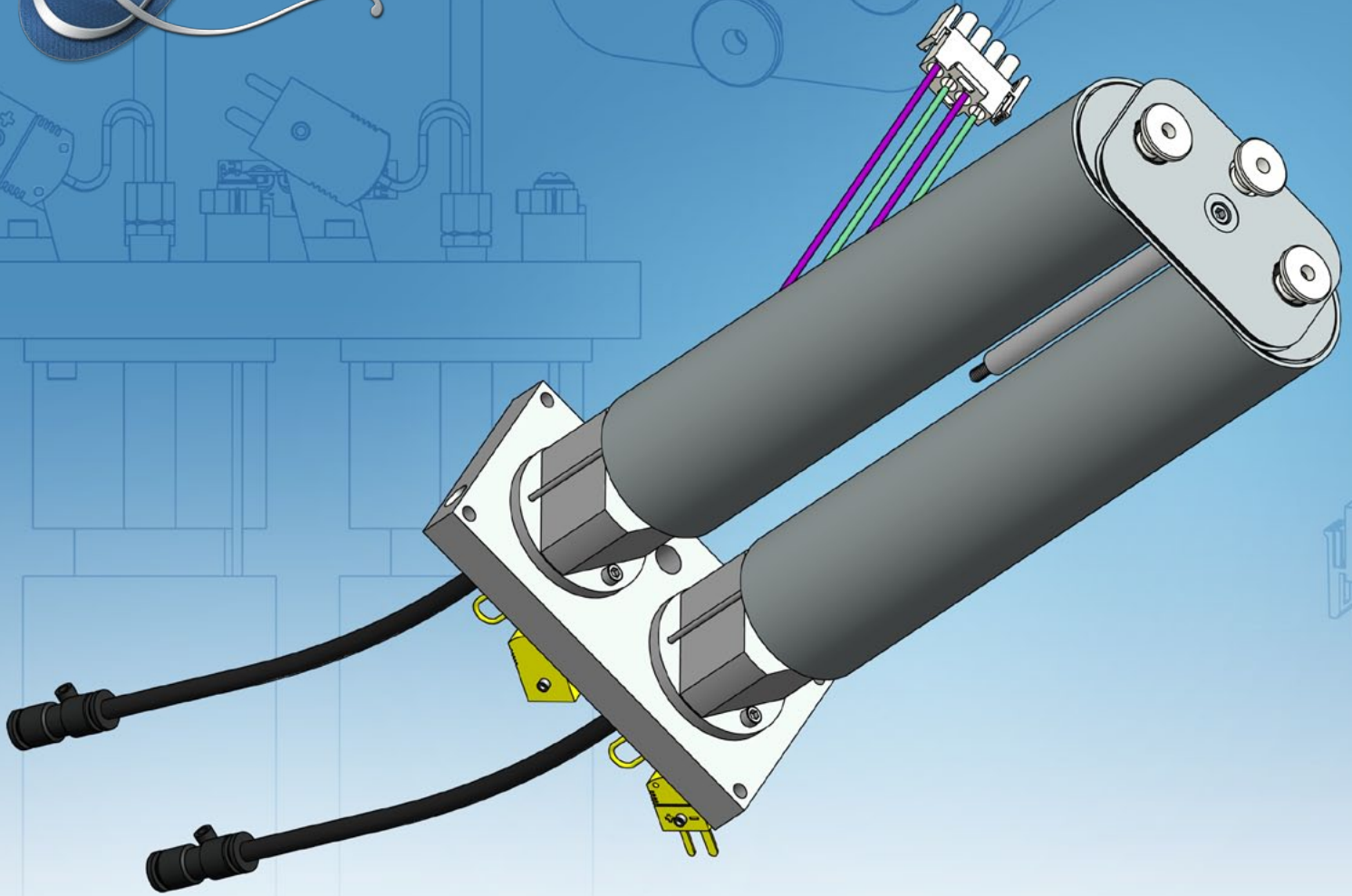




A Resource for Semiconductor Manufacturers



99551BSB - HC3 Source 2X Vaporizer for **Axcelis® 300mm Ion Implanter Systems**

Glemco delivers a vaporizer capable of a 90% increase in material capacity per oven as well as these extra advantages...

- ▶ **Upgraded Thermal Shielding**
A customized heat shield eliminates incidental heating from the arc chamber.
- ▶ **Streamlined Upkeep**
The carbon crucible and cap make maintenance and oven reloading easy.
- ▶ **Assured Control**
Spring loaded thermocouples ensure precise temperature monitoring.
- ▶ **Enriched Design**
The new quad port nozzle provides continuous Antimony output.



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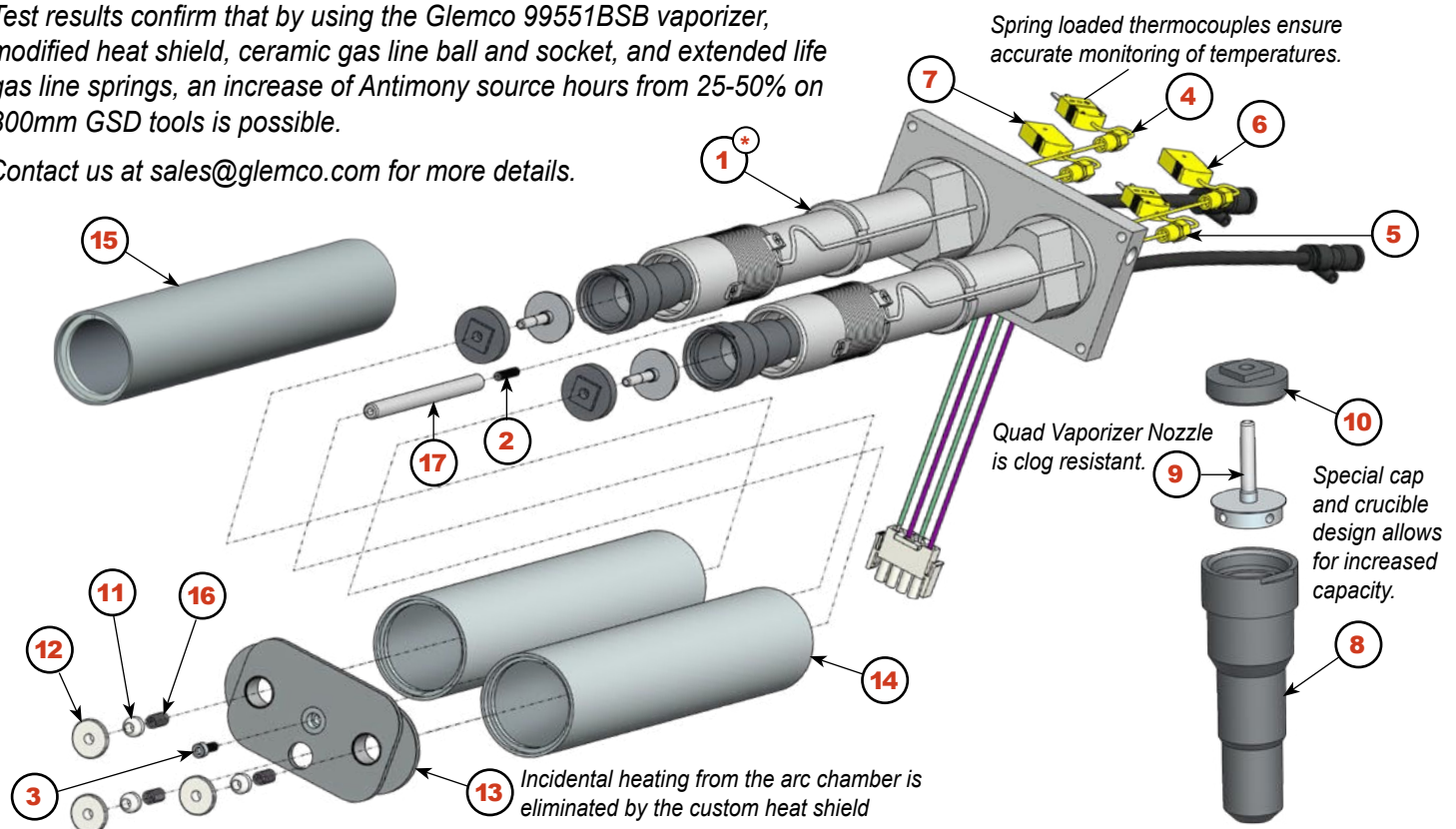
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Glemco Modified Design

99551BSB - Dual Vaporizer

Test results confirm that by using the Glemco 99551BSB vaporizer, modified heat shield, ceramic gas line ball and socket, and extended life gas line springs, an increase of Antimony source hours from 25-50% on 300mm GSD tools is possible.

Contact us at sales@glemco.com for more details.



* Items 83827B, 83827C, 83828B, 83828C, 99145B, 99146CM, 99147A are included in the 99551BSB assembly.

Item	P/N	Description	Qty
1*	99551BSB	Dual Vaporizer, Antimony, Custom, Increased Capacity, Extended	1
2	82129	SHSS, Set 8-32 X 3/4", SST	1
3	82395	SHCS, 8-32 X 1/2", SST	1
4	83827B	Vaporizer Thermocouple, Male	1
5	83827C	Vaporizer Thermocouple, Male, Short	1
6	83828B	Vaporizer Thermocouple, Female	1
7	83828C	Vaporizer Thermocouple, Female, Short	1
8	99145B	Vaporizer Crucible, Custom Increased Capacity, Graphite	2
9	99146CM	Quad Port Vaporizer Nozzle, Moly Tip	2
10	99147A	Vaporizer Top, Graphite	2
11	99176C	Ball Joint, Alumina	3
12	99177C	SKT Joint, Alumina	3
13	99183HCG	Vaporizer Heat Shield With Grafoil Insulators	1
14	99336A	Vaporizer Heat Shield	2
15	99336AG	Vaporizer Heat Shield	
16	99664A	Compression Spring, Gas Feed, GSD, Long Life, Tungsten	3
17	99910	Stand Off, Heat Shield Clamp	1

* Glemco offers improvements, modifications, or alternatives to standard OEM replacement components as indicated in red.

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Order online at www.glemco.com



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