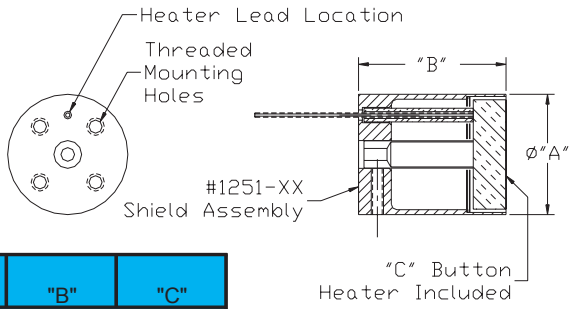
#101251-01

#101251-03

Model 101251 Heat Shield Assembly

- Comes with #101138-01 Button Heater (-02 with Tungsten heater)
- Rear and side heat shields
- SST body, Moly rear shields
- Provides high thermal efficiency
- Available with extension for thermocouple mount



Dash #	Operating Atmosphere	Heater Diameter	"A"	"B"	"C"
-01 -02	UHV O_2/UHV	1.00	1.10	1.35	101138 101275-22
-03 -04	UHV O_2/UHV	0.50	0.57	0.75	101137 101275-21
-05 -06	UHV O_2/UHV	0.32	Custom	Custom	101136 101275-26

Model 101491 UHV/O_2 Heater With Sample Clips

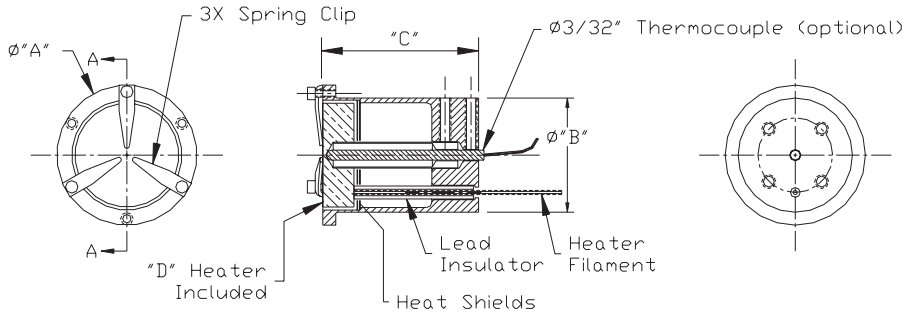
Model #101491-02, O_2

Model #101491-01, UHV

- 850-1200°C in O_2 Operation, 1200°C in UHV
- Up to Ø1" substrate
- Complete side and rear heat shield
- Thermocouple (optional) access from rear to within .05" of substrate
- #101479 sample clips also available separately
- See Model 101303 controller/power supply for programmable control
- See Accessories section for purchasing sample holding clips (part number 101479) individually

Dash #	Operating Atmosphere	Maximum Temperature	Heater Diameter	"A"	"B"	"C"	"D"
-01	UHV	1200 deg.C	1.00	1.35	1.10	1.50	101138
-02	UHV/O_2	1200 deg.C					101275-22
-03	O_2	850 deg.C					101275-27
-04	UHV	1200 deg.C	0.50	0.85	0.57	0.75	101137
-05	UHV/O_2	1200 deg.C					101275-21
-06	O_2	850 deg.C					101275-28
-07	UHV	1200 deg.C	0.32	Custom	Custom	Custom	101136
-08	UHV/O_2	1200 deg.C					101275-26
-09	O_2	850 deg.C					101275-29

101491-02		
V	I	T, deg. C
9.2	6.0	500
14.5	8.0	800
18.5	9.1	1000
23.0	10.5	1200



View A-A

Phone: (831) 722-9081 Fax: (831) 722-5491 Website: www.cathode.com E-mail: techsales@cathode.com