

Key		Reflection									Transmission									
		ATR				Diffuse		Specular			Liquid Cells					Solid Cells		Gas Cells		
		Golden Gate	Silver Gate Evolution	Gateway	25R	MiniDiff Plus	Selector	30° Fixed Angle Unit	Monolayer Grazing Angle	HTHP Cell	Omni Cell	Variable Pathlength Cell	High Pressure Liquid Cells	Sealed Heatable Cell	Demountable Heatable Cell	Solids Holder	DC Cell & Microfocus Beam Condenser	Tornado	Cyclone	Storm
<b>Solid</b>	Flat / Smooth	★	★	★	★	❖	❖	★	★	★					★	★				
	Rough / Abrasive	★	❖	❖	❖	★	★			★					❖	★				
	High Temperature	★		★			★			★					★					
	Low Temperature	★													★					
	High Pressure	★					★			★					❖					
<b>Powder</b>	Finely Ground	★	★	★		★	★			★	mull					★				
	Coarse / Crystalline	★	❖	❖		★	★			★	mull					❖				
	High Temperature	★		★			★			★										
	Low Temperature	★													★					
	High Pressure	★					★			★										
<b>Liquid</b>	Fixed Pathlength	★								❖	★	★	★	★		gum				
	Variable Pathlength										★	★	★	★						
	Ambient Conditions	★	★	★						❖	★	★	★	★						
	Flow Experiments	★	★	★									★	★	★					
	High Pressure	★		❖						❖			★	★	★					
	High Temperature	★		★						❖			★	★	★					
	Low Temperature	★											★	★	★					
<b>Gas</b>	pH <4 or >11	❖	❖	❖	❖					❖	❖	❖	★	★	★			❖	❖	❖
	Fixed Pathlength									★							★	★	★	
	Variable Pathlength																	★		
	High Pressure									★							★	★	★	
	High Temperature									★								★	★	
<b>Advanced Research</b>	pH <4 or >11									★								❖	❖	
	Reaction	★								★										
	Catalysis	❖								★										
	Supercritical	★																		
	Part Number	GS10500	GS10680	GS11165	GS11000	GS04510	GS19900	GS19820	GS19650	GS05850 GS05855	GS01800 Series	GS07500	GS05910	GS20500 Series	GS20510 Series	GS20600 GS20610	GS02550 GS02560	GS242XX	GS241XX	GS05000 GS05800 GS05670
Spectral Range		Far/Mid IR									IR/Vis/UV									

### Golden Gate Options for Advanced Applications

High Temperature Golden Gate [GS10642](#)  
 Reaction Cell Top Plate [GS10507](#)  
 Specular Reflectance [GS10514](#)

Germanium Top Plate [GS10566](#)  
 Super Critical Top Plate [GS10585](#)  
 Low Temp. Top Plate [GS10590](#)

Selector [GS19930](#)  
 Liquid Cells [GS21525, GS21530](#)  
 Environmental Chamber [GS20730](#)  
 Variable Temperature Cell [GS24302/05/10](#)  
 Electrical Heating Jacket  
 Cyclone Cell Heating Jacket

