



#### St171 High Temperature Activation

- getter is not activated during bakeout
- sealing of glass tube does not consume getter
- getter capacity preserved for tube life

#### St172 Low Temperature Activation

- a getter acting as an internal minipump is needed either during tube processing or tube operation
- activates at 450 to 500°C
- getter can be activated by bakeout
- getter serves as in-situ pump during bakeout

#### St175 Low Temperature Activation - Can withstand air baking

- a getter acting as an internal minipump is needed either during tube processing or tube operation
- activates around 500°C
- getter can be activated by bakeout
- getter serves as in-situ pump during bakeout
- can withstand air baking at temperatures of up to 400°C without dramatic deterioration of gettering performance
- high capacity for Hydrogen without embrittlement

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