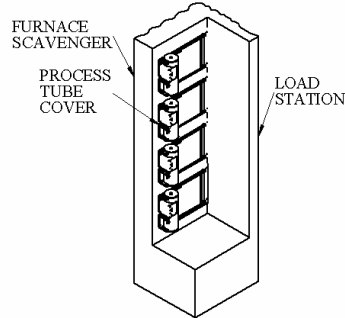


PROCESS TUBE COVER Patent Pending
FOR THE HORIZONTAL FURNACE

PROCESS TUBE COVER



**PROCESS TUBE COVER MOUNTED ON
FURNACE/ SCAVENGER/ LOAD STATION
ASSEMBLY.**



- Covers up to 13 inches of the Process Tube opening (8" process wafer).
- All exposed parts stainless steel or anodized Aluminum.
- Power required 24VDC, 0.5A
- Door Command signals, Input 24VDC, Relay input (Open, Close).
- Door Status signal output 24VDC, (Process Tube Cover Open, Close).
- Easy to install, remove and re-install.
- Integrated to Tube computer by process recipe.
- Manual Override.
- Emergency stop EMO.
- Can be customized for the application.

The scavenger cover is fully retractable. It can be designed to fit any make or model of horizontal furnace. It can be used in manual or automatic mode, and can be integrated with the process recipe. It is designed to seal the scavenger to reduce heat loss, improve exhaust efficiency, reduce particles in the process tube, improve operator and product safety, and conserve energy. It is designed for easy removal and installation. Perfect for Atmoscan applications where boat loading is in close vicinity to the scavenger.

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