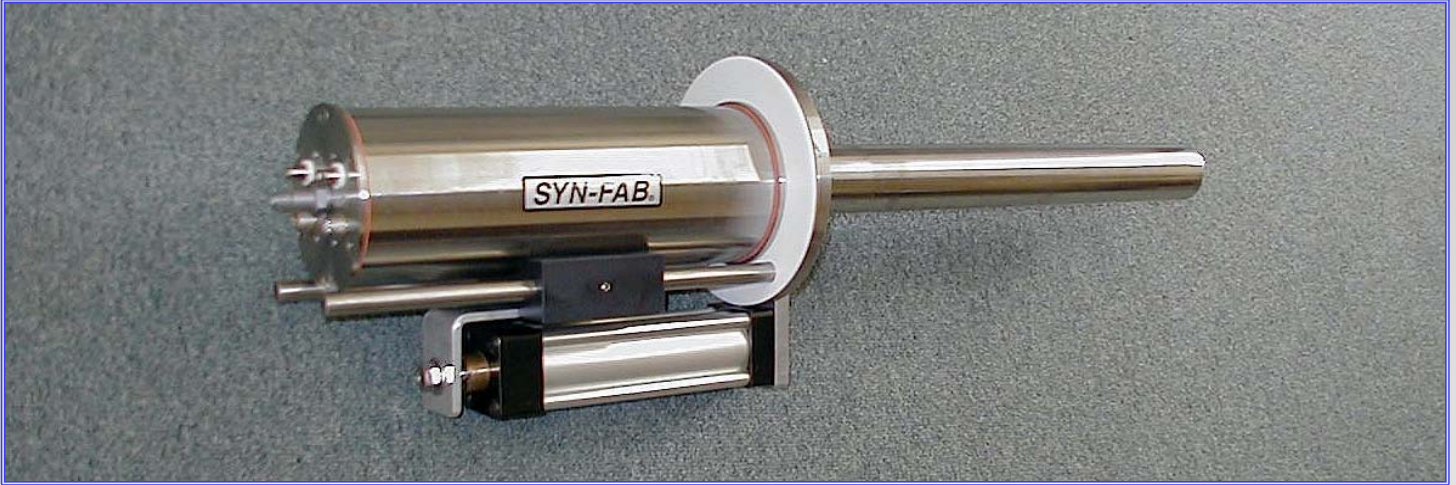


MSS0010C AUTOMATIC RETRACT



The **MSS0010 Automatic Retract** is an option for use with **SYN-FAB®** high temperature imaging systems. The MSS0010 will automatically pull the camera system back away from the furnace in the event that cooling air or power to the system is lost. A manual retract switch is also provided for operators' use to pull the system back (and reinsert after) for lens cleaning, port de-slagging, etc. Options include: PLC based controller, other event triggers, status signals and alarm outputs. "Other events" may include high temperature alarms, event alarms, and/or remote switching. The MSS0010C relies on a dependable pneumatic cylinder to retract the system. This cylinder operates on air stored in the air filters and it's integrated reservoir.

AUTOMATIC RETRACT CYLINDER LENGTH OPTIONS:

When activated, the **SYN-FAB®** standard auto-retract cylinder withdraws the lens tip 6" into the wallbox. Experience has proven that this is enough to protect the lens from moderate, positive pressure blowback and minimize the safety zone needed around the system. If the system is exposed to severe blowback, there is a chance of damage to the lens regardless of whether the lens is retracted 6", 12" or completely. Optional heavy duty retract cylinders are available that will completely withdraw the lens from the wallbox; typically for applications that have a high probability of severe, positive pressure blowbacks. If this is the case, for maximum protection an FX, MX, or AX series wallbox should be considered in addition to the full retract cylinder. Be advised that extra consideration must be given to clearance and safety zone behind the system if a longer retract cylinder is specified. In all cases, upset conditions that cause the system to be retracted should be investigated and corrected as soon as possible.

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