OPERATION
The Model U is an actuator system that can REMOTELY OPEN & CLOSE the valve on a chlorine or sulfur dioxide 150# cylinder or ton container. The system includes a battery operated actuator with an electric motor that rotates the valve stem towards the open or closed position for alignment, tests and remote operation. The actuator is designed to mount without interfering with or requiring yokes or additional adapters for dispensers or discharging hardware. The motor, gears and controls are assembled as one unit.

CAPABILITIES
- Battery operated with automatic charger
- Operational integral leak detection for automatic shutdown
- Remote close by leak detector, panic button or other digital signals such as PLC or computer
- Easily attaches to valve
- Can be used on chlorine and sulfur dioxide 150# cylinders or ton containers
- Eliminates the need for scrubbers in certain applications per the Uniform Fire Code

FEATURES
The system includes a remote power supply enclosure for trickle charge of the batteries. Placement of the actuator can be accomplished by connection to the cylinder valve with an easy on/off latch. Monitor and controls are accomplished with an on-board microprocessor and integral LED displays for CLOSED, ALIGN and OPEN. The LED display enables the operator to easily read the condition when mounted outdoors with bright sunlight. Programming is accomplished through an integral keypad. Valve position is transmitted to the microprocessor from a direct-coupled potentiometer and displayed in degrees open.

ADDITIONAL INFO
Inputs for remote control can include "open", "close" and "latch close". Outputs for remote indication can include "valve open", "valve closed", "failure or battery" and "leak".

For information on actuators that open and close 150# cylinders and ton containers, refer to Specification Model U.