

Emerson's ASCO™ Pinch Valves Give Surgeons a Better View

RESULTS

- Achieved highly repeatable and reliable instrument response
- Fulfilled customer's rapid delivery schedule
- Improved medical operating procedures



APPLICATION

Surgical suction equipment

CUSTOMER

Major surgical instrument manufacturer

CHALLENGE

A global medical device maker produced surgical suction equipment for laparoscopic arthroscopic procedures. A pinch valve in the device provided suction to clean its lens for clearer viewing by the surgeon. The inexpensive pinch valve initially specified for the equipment did not meet the required delivery schedule. It also had issues leaking in the pinch energized state.

SOLUTION

The medical device maker was familiar with Emerson's reputation for quality and turned to the company to help solve its pinch valve problems. The ASCO Series 284 pinch valve was selected for its reliability, repeatable response, and design for leak-free operation in aseptic and sterile conditions. The valve also had a better appearance than the competitive valve under consideration, and met the customer's delivery requirements. With the ASCO pinch valve installed, nurses and technicians could easily remove the surgical suction device's tubing from the patient. The customer also benefited from Emerson's application knowledge and technical support.

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