ASCO™ Pinch Valves ensure a reliable flow control of pure saline solution during breast biopsy

RESULTS

• Met performance specification, including the preservation of the controlled liquid purity
• Contamination caused by friction of moving parts is prevented
• Through local stocking at a distributor, rapid delivery requirements were met

APPLICATION

Biopsy system, liquid control

CHALLENGE

A manufacturer of a medical biopsy system needed a miniature fluidic solution to provide consistent aspiration of a saline solution during a minimally invasive procedure. The system provides physicians with a fast, safe, and simple way to perform minimally invasive breast biopsy procedures. It uses a combination of saline lavage and consistent aspiration to ensure a core with every cycle. Product reliability and consistent lead times were critical.

SOLUTION

The ASCO 284 pinch valve provides the consistency and reliability needed for this application and other highly aggressive fluids found in analytical and medical instrumentation. This construction assures maximum purity of the saline liquid. In addition, the valve’s hermetic separation of the control mechanism and the fluid within the tubing which prevents particulate contamination caused by friction of moving parts.