

Isolation valves control the flow of neutral and aggressive fluids. The key design characteristic of an isolation valve is to isolate the fluid from the solenoid which is crucial for applications requiring high fluid purity and low dead volume.

Applications examples:

- HPLC Analyzers
- Clinical Sterilizers
- Pipette Dispensing

Hematology Analyzers

ASCO's isolation valves are found in a wide range of hematology analyzers.

The valves control the supply and dosing of blood in the analytical process.



DNA Synthesis

Isolation valves are used as pilot valves to control the handling of fluids in a DNA synthesizer.