

Why is a positive pressure system important?

The unique design of the SureDry Scope Cabinet includes both top fans for intake and lower fans for exhaust. This push/pull design creates a vortex of air that flows through the cabinet ensuring maximum drying efficiency.

Intake: Intake airflow comes through separate HEPA filters (which remove 99.7% of particulates, .03 Microns) driven by fully redundant fans producing a positive pressure vortex from the cabinet top. This creates an even circular motion of airflow over all scopes.

Exhaust: The lower exhaust fans pull the circulated air out of the cabinet ensuring the flow of air is consistent from top to bottom, providing a complete drying system for the entire scope. This push/pull multiple fan system (an industry first) ensures a positive pressure system to meet all major guidelines and it ensures forced drying and equal drying levels across the full length of each and every scope.



ST91:2021

SureDry Cabinets are a Smart Choice to Meet and Exceed ANSI/AAMI ST91:2021 and Other Guidelines

The references below are taken from these guidelines. Channel drying available only with the addition of the Dri-Scope Aid® system.

- Scopes Stored Vertically**
- Hanging Freely Without Coiling**
- Channel Drying + Forced Air**
- HEPA Filtered Positive Pressure**
- Easy Scope Identification***
- Single-Use Connectors**
- Clinical Documentation**

11.2.1 "stored vertically, the insertion tube should be as straight as possible, with the distal tip hanging freely."
11.2.1 "When flexible and semi-rigid endoscopes are hung in the vertical position, coiling or kinking is prevented."

11.2.2 "should be stored in a cabinet that is of sufficient height, width, and depth to allow flexible endoscopes to hang vertically without coiling and without any components touching the bottom of the cabinet."

8.2.5.1 "Flexible endoscopes with channels should be dried for a minimum of 10-minutes with pressure-regulated forced instrument air or a minimum of HEPA-filtered air." | 8.2.5.2 Use pressure-regulated instrument air or HEPA-filtered air to dry the channels in accordance with the manufacturer's written IFU.

11.2.2.2 Cabinets that enable circulation of HEPA-filtered or instrument air through the cabinet at... positive pressure.
NOTE: SureDry cabinets feature an industry leading 3 intake and 2 exhaust fan system.

11.2.3 "Protocols should be developed to help ensure that users can readily identify an endoscope that has been processed and is ready for patient use." * Available with Tracker-equipped SureDry scope cabinets

Use of single use connectors ensures no cross-contamination as well as simplifies staff efficiency.

ASGE "Drying the interior of an endoscope should use a sufficiently prolonged flow of medical air through all accessible channels, ideally simultaneously and for at least 10 minutes, for greatest efficiency." Per the study, "Multisociety guideline on reprocessing flexible GI endoscopes: 2016 update."
NOTE: SureDry cabinets are the only clinically proven vertical drying cabinet.