LOGIQUIP®
HEALTHCARE STORAGE SOLUTIONS

DRI-STOR

Decision Guide

TOP MOUNT?

SIDE MOUNT?

CHANNEL PURGE?

KEY LOCK?

ACCESSORIES?

HOW MANY SCOPES?

OVERVIEW

For nearly 20 years there have been numerous studies completed focused on infection control in Endocopy. The followoing are some important commonalities from the studies:

- This study suggests the results from cleaning validation testing will provide baseline levels against which to measure the adequacy of training procedures for staff learning to clean colonoscopesas well as the sustained proficiency of already trained staff. (Riley)
- It should be emphasized that our conclusions and recommendations clearly apply only when endoscopes are reprocessed and stored in optimal fashion. It is conceivable that short shelf-times may occasionally have minimized the potential adverse effects of inadequate reprocessing at some centers and that lengthening the time in such circumstances could be detrimental. Finally, other similar studies are needed to assess whether the conclusions apply to other reprocessing systems and disinfection agents. (Brock)
- The study of the proliferation of residual contamination levels of endoscope channels, according to storage duration, highlights significant differences between endoscopes but above all between the two storage modes. The results reveal the risk of bacterial proliferation in endoscopes stored for >36 h in a non-controlled environment and demonstrate the advantages of a drying/storage cabinet in controlling residual contamination of endoscopes between uses…Despite all advantages that these drying/storage cabinets seem to present, it should not be forgotten that these systems are not designed to disinfect endoscopes but only to maintain the level of microbiological quality reached after application of the reprocessing procedure (Pineau)

Conclusion: HEPA filtered cabinets with channel purge supplement the drying process and help in the prevention of microorganism growth. This is only after the optimal reprocessing procedure is complete, monitored and documented.

STEP 1
VALIDATE SCOPE/CABINET COMPATIBILITY

- Ensure the scopes to be stored will fit in a Dri-Stor cabinet, according to recommended best practices (hung vertically, not touching each other).
- The maximum hanging length in 92"h and 95"h units is 84".
- The maximum hanging length in 87"h units is 72"
- All 20"d and 24"d units have a front and back row of device holders, all 18"d units have one row of device holders.

STEP 2
ROOM/SPACE MEASUREMENTS AND PLANNING

- The cabinet has a sloped top, making a soffit less feasible.
- A top-mount cabinet requires servicing from the top, which requires an additional 12" of height, depending on model.
- 1" space is needed to allow for air flow to the intake vent.
- Ensure the cabinet can be transported to its location and can be maneuvered into position.
- Per AORN Guidelines for Flexible Endoscopes-2016, Part IX, "Cabinets used for storage of flexible endoscopes should be situated in a secure location the clean workroom of the endoscopy processing room in a two-room design, or in a separate clean area close to, but not within, the endoscopy procedure room." Additionally, "… should have doors, and be located at least three feet from any sink."
- Measure the space available for cabinets. Note potential height limitations or obstacles from the ceiling.
- Note: if using a unit with a fan, it will need access to an outlet. Additionally, regular maintenace will require the plug be pulled, so it should be readily accessible.
- For units with the Endotrack feature, we recommend plugging the cabinet into an outlet connected to the emergency back up circuit.

NEXT PAGE

Dri-Stor Scope Cabinets Decision Guide

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STEP 03

What type (size) devices are to be stored? (necessary to configure the proper device holders)

TEE Probe
(Transesophageal Echocardiogram)
SILVER TRACK START

Bronchoscope
Cystoscope
ENT
Intubation
(Small Diameter)
JUMP TO **BLACK** TRACK
PAGE 4

Enteroscope
Gastroscope
Colonoscope
Duodenoscope
EUS/EBUS Ultrasound
Bronchoscope
(Large Diameter)
JUMP TO **BLUE** TRACK
PAGE 5

STEP 04

Determine Quantity of each Scope

STEP 05

Optimize the scope quantity, available space, and choose your door

HEPA Filtered, Top Mounted*

SELECT DOOR	D x W x H	MODEL #
3-Probes		
left hinge	18 x 27 x 87	42380SCLG-3T
right hinge	18 x 27 x 87	42380SCRG-3T
5-Probes		
double	18 x 36 x 87	42580SCHG-5T

** A top mount cabinet requires servicing from the top, so a 9' ceiling is needed in order to access the components.*

ALMOST FINISHED

Jump to Page 6 to complete defining your choice

Dri-Stor Scope Cabinets Decision Guide

Bronchoscope
Cystoscope
ENT
Intubation
(Small Diameter)
BLACK TRACK
START

STEP 04

Determine Quantity of each Scope

STEP 05

Mix of Scopes in Cabinets e.g. 100% small, or 50/50. (Best to plan on Large for flexibility)

STEP 06A

Choose a ventilation method, by selecting the appropriate chart below. In your selected chart, optimize the scope quantity, available space, and choose your door

STEP 06B

CHANNEL PURGE

(If ordering channel purge please go to page 6 to order tubing)

NOTES

Chanel Purge is preferred by AORN. Per AORN Guidelines for Flexible Endoscopes-2016, part 9, "A wide variety of storage cabinets are available. Drying cabinets include a system that circulates HEPA-filtered air through the cabinet while filtered air under pressure is forced through the endoscope channels. The internal and external surfaces of the endoscope are continuously dried, suppressing bacterial growth."

HEPA Filtered meets basic guidelines but preferred is Channel Purge. Dri-Stor can be easily upgraded later. Per AORN Guidelines for Flexible Endoscopes-2016, part 9, "If a drying cabinet is not available, flexible endoscopes may be stored in a closed cabinet with HEPA-filtered air that provides positive pressure and allows air circulation around the flexible endoscopes."

Channel Purge, Top Mounted*

SELECT DOOR	D x W x H	MODEL #
6-Scope		
left hinge	18 x 27 x 87	42380SCLG-6PTD
right hinge	18 x 27 x 87	42380SCRG-6PTD
10 Scope		
double	18 x 36 x 87	42580SCHG-10PTD

** A top mount cabinet requires servicing from the top, so a 9' ceiling is needed in order to access the components.*

HEPA Filtered, Top Mounted*

SELECT DOOR	D x W x H	MODEL #
6-Scope		
left hinge	18 x 27 x 87	42380SCLG-6PT
right hinge	18 x 27 x 87	42380SCRG-6PT
10 Scope		
double	18 x 36 x 87	42580SCHG-10PT

** A top mount cabinet requires servicing from the top, so a 9' ceiling is needed in order to access the components.*

customersupport@logiquip.net 800-665-3760 www.logiquip.com

Dri-Stor Scope Cabinets Decision Guide

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Enteroscope
Gastroscope
Colonoscope
Duodenoscope
EUS/EBUS Ultrasound
Bronchoscope
(Large Diameter)

BLUE TRACK START

Determine Quantity of each Scope

STEP 05

Mix of Scopes in Cabinets e.g. 100% small, or 50/50. (Best to plan on Large for flexibility)

STEP 06

Choose a ventilation method, by selecting the appropriate chart to the right, or on the top of the next page. In your selected chart, optimize the scope quantity, available space, and choose your door

STEP 06B

CHANNEL PURGE

(If ordering channel purge please go to page 6 to order tubing)

NOTES

Chanel Purge is preferred by AORN. Per AORN Guidelines for Flexible Endoscopes-2016, part 9, "A wide variety of storage cabinets are available. Drying cabinets include a system that circulates HEPA-filtered air through the cabinet while filtered air under pressure is forced through the endoscope channels. The internal and external surfaces of the endoscope are continuously dried, suppressing bacterial growth."

HEPA Filtered meets basic guidelines but preferred is Channel Purge. Dri-Stor can be easily upgraded later. Per AORN Guidelines for Flexible Endoscopes-2016, part 9, "If a drying cabinet is not available, flexible endoscopes may be stored in a closed cabinet with HEPA-filtered air that provides positive pressure and allows air circulation around the flexible endoscopes."

Ambient Ventilation does not meet AORN guidelines established in 2016, but is accepted by SGNA as of April 2017.

Ambient

SELECT DOOR	D x W x H	MODEL #
6-Scope		
left hinge	24 x 24 x 92	43290SCLG-6
right hinge	24 x 24 x 92	43290SCRG-6
10 Scope		
double	18 x 30 x 92	43490SCHG-10
16 Scope		
double	24 x 36 x 92	43590SCHG-16
20 Scope		
double	24 x 44 x 92	43690SCHG-20

HEPA Filtered, Top Mounted*

SELECT DOOR	D x W x H	MODEL #
10-Scope		
double	20 x 30 x 95	42490SCHG-10PT
16-Scope		
double	20 x 36 x 95	42590SCHG-16PT
20-Scope		
double	20 x 44 x 95	42690SCHG-20PT

** A top mount cabinet requires servicing from the top, so a 8' ceiling is needed in order to access the components.*

HEPA Filtered, Side Mount Compartment*

SELECT DOOR	D x W x H	MODEL #
6-Scope		
left hinge	24 x 37 x 92	43590SCLG-6PS**
right hinge	24 x 37 x 92	43590SCRG-6PS**
10 Scope		
double	24 x 43 x 92	43690SCHG-10PS**
16 Scope		
double	24 x 49 x 92	43790SCHG-16PS**
20 Scope		
double	24 x 57 x 92	43890SCHG-20PS**

** Dimensions include the side component compartment. Deduct 13"w to a cabinet that will share a side compartment.*

*** Add the suffix "-ADD" to the part number of a second cabinet that will share a side compartment.*

Channel Purge, Top Mounted*

SELECT DOOR	D x W x H	MODEL #
10-Scope		
double	20 x 30 x 95	42490SCHG-10PTD
16-Scope		
double	20 x 36 x 95	42590SCHG-16PTD
20-Scope		
double	20 x 44 x 95	42690SCHG-20PTD

** Top mount cabinets require servicing from the top and require an 8' ceiling.*

Channel Purge, Side Mount Compartment*

SELECT DOOR	D x W x H	MODEL #
6-Scope		
left hinge	24 x 37 x 92	43590SCLG-6PSD**
right hinge	24 x 37 x 92	43590SCRG-6PSD**
10 Scope		
double	24 x 43 x 92	43690SCHG-10PSD**
16 Scope		
double	24 x 49 x 92	43790SCHG-16PSD**
20 Scope		
double	24 x 57 x 92	43890SCHG-20PSD**

** Dimensions include the side component compartment. Deduct 13"w to a cabinet that will share a side compartment.*
*** Add the suffix "-ADD" to the part number of a second cabinet that will share a side compartment.*

STEP 07 - SELECT TUBING

Channel Purge - Tubing

TUBING SET	DESCRIPTION	COMPATIBLE ENDOSCOPES
Olympus		
T1CON-1	Bifurcated	PCF-XQ140,GIF-XQ140, GIF-Q160, GIF-XP160, GIF-N180, GIF-H180, GIF-Q180, GIF-XP180N, TJF-180V, GIF-XP190N, CF-Q160AL, PCF-160AL, SIF SERIES (Enteroscope)
T1CON-2	Trifurcated, Water Jet Top	UC-140P-AL5, TJF-160V, GF-UE160-AL5, GF-UM160, GF-UC160-OL5, GF-UCT160-OL5, TGF-UC180J, GF-UCT180
T1CON-3	Trifurcated, Water Jet Bottom	GIF-1TQ160, GIF-2T160, GIF-IH180J, GIF-H180J, PCF-H180AL, CF-H180, PCF-H180AL, CF-H180AL, CF-Q180AL, PCF-Q180AL, CF-H190L, CF-HQ190L, PCF-H190L, PCF-H190DL, PCF-PH190L, GIF-HQ190, GIF-H190, GIF-1TH190
T1CON-4	Olympus Bronchoscopes	ALL OLYMPUS BF SERIES BRONCHOSCOPES
T1CON-5	Olympus EBUS Scopes	ALL OLYMPUS BF-UC SERIES ULTRASOUND BRONCHOSCOPES
T1CON-6	Olympus LF Scopes	ALL OLYMPUS LF SERIES INTUBATION SCOPES
T1CON-7	6 Tubing Set Extension	
T1CON-8	Luer Connector	ALL OLYMPUS CYF AND URF SCOPES, Also can be used for all Karl Storz Flexible Cystoscope and Ureteroscopes, and Intubation Scopes without a suction channel.
T1CON-10	Olympus CYF	Olympus CYF
Pentax		
T1CON-1P	Bifurcated	EG27-i10, EG16-K10, EG-2490K, EG-2790K, ED34-i10T, ED-3490TK, ED-3670TK, FCP-9P, VSB-2990i, EG-3670URK, EG-3270UK, EG-3870UTK
T1CON-2P	Trifurcated Water Jet Bottom	EG29-i10, EG-3490K, EG-3890TK, EG-2990K, EC38-i10L, EC34-i10L, EC-3490TLi, EC-2990Li, EC-389-TLK, EC-3890LK, EC-3490LK, ES-3870K
T1CON-3P	Bronchoscopes	EB-1990i, EB-1170K, EB-1575K, EB-1970TK, EB-1975K, EB-1970UK, FB-8V, FB-10V, FB-15RBS, FB-15V, FB-18RBS, FB-18V, FB-19TV
Fujinon		
T1CON-1F	Bifurcated	EG-450 Series, EC-450 Series, EN-450 Series, EG-530 Series, EC-530, ED-530XT, ES-530WE
T1CON-2F	Bronchoscopes	EB-120, EB-270, EB-470, EB-530
Karl Storz		
T1CON-1KS	Bifurcated	13820NKS, 13821NKS, 13885NKS, 13924NKS
T1CON-2KS	Trifurcated Water Jet below	13925NKS
T1CON-3KS	Intubation	11301 Series, 11302 Series

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FINAL STEPS

STEP 08 - LOCKING OPTIONS

- **40000KLDS** Key Lock - Note on the order that a key lock is desired. For double door models, lock is located on right-hand door, left door cannot be opened unless right-hand door is opened.
- **40000ELDS** - Electronic keyless entry.
- **40000TSRFID** - Access and tracking technology package, including RFID reader, touchscreen and power pack with battery back-up. Installed on front panel of side compartment.
- **40000TSBC** - Access and tracking technology package, including bar code scanner, touchscreen and power pack with battery back-up. Installed on front panel of side compartment.

STEP 09 - EXTRA FILTERS

Suggest buying now so as to not forget, especially the Channel Purge HEPA.

- **40000MFF** Main HEPA Filter (Replaced Every 2-5 Years).
- **40000HEPAKIT** Annual service kit for models with positive pressure only.
- **40000CPKIT-1** Annual service kit for models with channel purge only, and 10 or less scopes.
- **40000CPKIT-2** Annual service kit for models with channel purge only, and 11-20 scopes.

STEP 10 - REVIEW ORDER

- Scope Cabients, e.g. 43690SCHG-10PSD.
- Tubing, if ordering channel purge e.g. T1CON-1.
- Locking Options.
- Additional filters.

LogiQuip® has been providing healthcare storage solutions to hospitals across North America Since 1992. Building on their combined 90 years of experience, our founders built a knowledgeable and experienced team who understand that each hospital's inventory, supply, and storage requirements are similar in theory, yet diverse in practice and application. Our sole focus is hospital storage and distribution systems and our mission is to provide our customers with products and ROI justified solutions tailored to meet their specific needs. Whether the prescribed solution is a single cart or a complete high-density storage solution, LogiQuip's expertise and extensive product line complement any supply chain solution.

LOGIQUIP®
Healthcare Storage Solutions
P.O. Box 278
Galesburg, Michigan 49053
www.logiquip.com customersupport@logiquip.net
Phone: 800-665-3760
Fax: 888-965-3984

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