



SMALL AND LARGE SCOPE DRYING SOLUTIONS FOR YOUR FACILITY!

Harloff cabinets are used for the storage and drying of EGD scopes, colonoscopes, EUS scopes, ERCP scope, TEE probes, bronchoscopes, cystoscopes and ENT scopes.

ENDOSCOPY CABINETS

Three
drying cabinet
options
to choose
from!

"SMART" SCOPE TRACKING SYSTEM WITH DRI-SCOPE AID®

SUREDRIY ENDOSCOPE DRYING CABINET



Harloff's SureDry Scope Cabinet includes the industry best Positive Pressure HEPA Filtered Drying system. Inside air is replaced inside the cabinet up to four times per minute. Meets or exceeds AORN, SGNA and AAMI guidelines (including ANSI/AAMI ST91:2021 updated guidelines).

DRI-SCOPE AID® EQUIPPED CABINET



Harloff's SureDry + Dri-Scope Aid® is the industry leading internal lumen drying system. Endoscope channels are dried with the Dri-Scope Aid® internal lumen drying system which uses simple-to-attach scope connectors to provide constant flow, consistent pressure and repeatable results.



NEW!

Optimize your tracking cabinet with an LED indicator!

We combined SureDry positive pressure with the next generation Dri-Scope Aid® Tracker System, creating our first "smart" scope cabinet. The integrated color touchscreen digitally displays scope status, user access, check-ins/outs, displays processing times and provides customizable drying options with unique settings for each scope. Also includes a customizable hang time monitor with an intelligent automated scheduler and downloadable export files for scope management and user lists.



SureDry
SCOPE CABINETS

ENDOSCOPE DRYING

OUR FAMILY OF SCOPE DRYING CABINETS CAN FULFILL THE REQUIREMENTS OF ANY FACILITY!

CHOICE OF 4 WIDTHS

Harloff scope cabinets come in several widths; choose the size you want based upon the volume of scopes you plan to use, your available square footage and how much interior cabinet space you want for scopes.

24" WIDTH

8 scope, 6 scope
or custom setup



Our most compact model, this positive pressure scope cabinet features a single door, two intake fans and one exhaust fan. For configurations that use Dri-Scope Aid®, this cabinet uses the smaller 5-scope manifolds.

30" WIDTH

10 scope, 5 scope
or custom setup

This slim profile, double door scope cabinet is ideal for facilities with fewer scopes or with limited available floor space. For configurations that use Dri-Scope Aid®, this cabinet uses the smaller 5-scope manifolds.



36" WIDTH

14, 12 or 8 scope
or custom setup



Our standard scope cabinet size is able to accommodate multiple capacities and multiple configurations of different scope types. For customers who purchase the internal lumen drying package, it fits the standard 8-scope Dri-Scope Aid® manifold. Meets or exceeds AORN, SGNA and ANSI/AAMI ST91:2021 updated guidelines.

44" WIDTH

16 scope, 8 scope
or custom setup

Perfect for busy units with high traffic and frequent scope changeouts, this high volume cabinet has a wider profile and more spacing between scope holders for easy access. This is the industry's most spacious scope cabinet, allowing for easy hanging and retrieval of scopes.

**Need it
larger? We
build 60" wide
cabinets
too!**



**STAINLESS
STEEL**

SC80WTD RDP-10-DSS2305

All the features of the standard pass through scope cabinet but also comes equipped with Dri-Scope Aid®, the industry best lumen drying system. An optional customizable hang time monitor is also available.



SureDry
SCOPE CABINETS

ENDOSCOPE DRYING

PASS THROUGH CABINET SC80WTD RDP-10



This double sided pass through cabinet allows access between both procedure and reprocessing rooms. This in-wall system has multiple available locking options and can hold up to 10 scopes with our secure adjustable mounting system. Each cabinet comes with 4 intake and 2 exhaust fans and tempered glass doors, one on each side. Other features include easy to clean removable dual drip trays, a HEPA Filter system that can be replaced without the removal of scopes and SureDry's positive pressure fully redundant fan system.



FEATURES & BENEFITS OF DRI-SCOPE AID®

- Significantly improves drying of internal channels
- HEPA filter offers a 99.97% retention rate of particles that have a size > 0.3µm
- Provides constant air delivery through all internal endoscope channels

- Short drying cycle for quick turn-around time
- Continuous venting cycle for overnight storage
- Automatic high-pressure shutoff
- Fulfills forced air recommendations
- Self-adjusting high-pressure regulation

EASE OF OPERATION

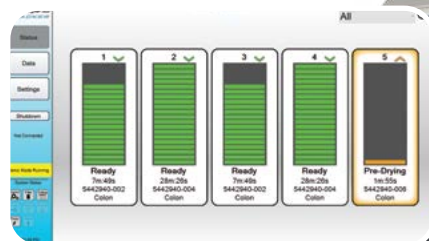
- Hands-free operation with visual display of purging times
- Simple to attach individual scope connectors
- Works with all major endoscope brands
- Disposable connectors to meet SGNA and AORN guidelines
- Dries 1 to 16 endoscopes



SCSS8036TD-T3316D

SMART SCOPE TRACKING CABINET

This next generation "Tracker" scope tracking system from Dri-Scope Aid® adds yet another component to your SureDry scope cabinet, the ability to monitor the drying process and to display staff check-ins/check-outs and other scope functions using a built in touch tablet configured to your scope inventory and ready to run immediately on cabinet delivery. This flexible endoscope tracking system helps to meet or exceed AORN, SGNA and AAMI guidelines (including ANSI/AAMI ST91:2021 updated guidelines) when included as part of your endoscope reprocessing workflow.



STAINLESS
STEEL



SC8030TD-T2310D

SC8044TD-T3316D

- Customizable settings and drying options unique to each endoscope
- Intelligent automated scheduler
- Maintains records of scope drying events, user access, check-ins and check-outs
- Screen access by authorized personnel is completed by passcode
- Adjustable timing options
- At a glance, display shows scope inventory and reprocessing status
- Downloadable export files available for endoscope management, user lists and more
- Customizable Hang Time Monitor

INDICATOR LED BUILT-IN

Upgrade your smart scope tracking cabinet with this built-in that provides tracking of endoscopes throughout the drying process, virtually eliminating the possibility of accidentally using expired scopes.

- This upgrade is factory install only and is designed for Dri-Scope Aid® equipped Tracker scope cabinets from Harloff

- **Simplifies scope placement and improves the hanging and retrieval of endoscopes by your staff by up to 25%**

- The scope holder's proprietary LED system syncs the LED color with the Tracker tablet on the door's touchpad

- Reduces human error and scope identification mistakes

- Improves the efficiency and accelerates the speed of the endoscopy process

- Virtually eliminates the possibility of using expired scopes

- Easily ID scopes without having to check serial numbers

- Colors display in Yellow, Red, Green, Orange, Blue, Cyan or Purple for each individual scope holder



SC8044TD-T3316D
+SC-16IND-44

SCSS8030TD-T2310D
+SC-10IND-30



TRACKER CABINETS PAIRED WITH AN INDICATOR LED BUILT-IN PROVIDE ONE OF THE BEST, EASIEST TO USE SMART SCOPE DRYING SYSTEMS AVAILABLE



SureDry
SCOPE CABINETS

ENDOSCOPE DRYING

SC8036DRDP-14-DSS3316

SCSS8036DRDP-14



STAINLESS
STEEL



SC8030DRDP-DSS2310

SC8036DRDP-14

**OPTIONAL DIMMABLE
LED LIGHTING NOW
AVAILABLE TO INSTALL
IN ANY CABINET!**

SC8044DRDP

SC8030DRDP



STAINLESS
STEEL



STAINLESS
STEEL

SC8030DRDP-DSS2310

SC8044DREDP

SCSS8036DRDP-14-DSS3316

SureDry ENDOSCOPE DRYING

SCOPE CABINETS with *Dri-Scope Aid®*



SC8044DRDP-DSS3316

SCSS8044DRDP-DSS3316

All SureDry scope cabinets are fully designed to be purchased with Dri-Scope Aid®, the industry best lumen drying system, or field installed with easy “Plug & Play” installation to provide HEPA filtered air to each internal scope channel.



STAINLESS
STEEL

View scope
cabinet locking
options on
page 90

WHAT DO RECENT ANSI/AAMI ST91:2021 AND ASGE STUDIES REVEAL ABOUT THE BENEFITS OF USING DRI-SCOPE AID®

WHAT DO NEWLY RELEASED GUIDELINES TELL US ABOUT THE DRYING AND STORAGE OF REPROCESSED ENDOSCOPES?

Both the U.S. Multi-Society Task Force and the American National Standards Institute (ANSI)/Association for the Advancement of Medical Instrumentation (AAMI) reference the Barakat 2019 study¹, in which

the Dri-Scope Aid® system was used to successfully purge moisture from endoscope channels. The studies state, “Barakat et al. [78] demonstrated only a single water droplet in 69 endoscope cycles following ten minutes of ‘automated’ forced filtered air purge of all channels, compared to modest numbers of persistent droplets after five minutes and extensive fluid after manual targeting

of channels with a forced air gun.” SureDry scope cabinets from Harloff, paired with the Dri-Scope Aid lumen drying system, provide optimal drying of both the exterior and interior of endoscopes for quick, efficient drying of all endoscope types.

1. Barakat MT, Huang RJ, Banerjee S. Comparison of automated and manual drying in the elimination of residual endoscope working channel fluid after reprocessing. GIE Journal. 89(1):124-132.e2, 2019



SureDry
SCOPE CABINETS

ENDOSCOPE DRYING

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 top of the cabinet. 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, which provides a complete drying system for the entire scope. This push/ pull multiple fan system - an industry first - ensures not only a positive pressure system to meet all major guidelines but also ensures forced drying and equal drying levels across the full length of each and every scope.



▶ Watch a helpful Scope Cabinet video at
<https://www.youtube.com/watch?v=N0bZLctOa7c>

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.

SC9436DRDP



ENDOSCOPE DRYING



CUSTOM CABINET OPTIONS

One of the many strengths of Harloff is our unparalleled ability to create custom solutions. Examples include extra tall cabinets like the SC9436DRDP which are for longer endoscopes, and feature an extended base. Our double wide SC8060DRDP-2DSS2310 provides an even higher endoscope capacity and our mobile kit allows any scope cabinet to become mobile rather than stationary. Mobile cabinets permit usage in multiple areas of your facility and also can be transported to other areas for cleaning.



SC8060DRDP-2DSS2310

SC8030-MOBILEKIT

Any size of scope cabinet can be converted into a mobile version with the addition of this mobile kit. Includes four 3" casters plus a steel mounting plate. Available in stainless steel or heat sealed powder coat steel. Factory install only.

SLIMLINE CABINETS

Standard SureDry cabinets have a 24" cabinet depth, but some facilities require the slimmest, most space saving options available. Our Slimline scope cabinet has a 18" cabinet depth, ideal for hallways and other tight spots.

Another space saver is our SC5430DRDP 3/4 height scope cabinet, available in all three cabinet widths for facilities with shorter ceiling heights.



SC8036TKDP-14

This cabinet has the same SureDry features as Harloff's other models, but features a key locking roll top tambour door that recesses into the cabinet ceiling rather than a glass or solid door. An ergonomic handle is built into the middle of the door so that opening and closing it requires no stooping and minimal effort.



ENT/BRONCHOSCOPE DRYING

SCW2430DRDP

- HEPA filtered Positive Pressure with two High Volume intake fans and one exhaust fan
- Customizable scope holders to fit most common scope types
- Holds up to 6 ENT Scopes
- Glass paneled doors for easy viewing of scope inventory
- Adjustable timer (10 to 180 mins) for fan operation.
- Fans activated automatically upon closing of doors
- Industry best 12 year limited manufacturer's warranty
- Ideal for non-connected or removable video/light processor cord
- Cabinet dimensions: 30"H x 24"W x 12"D



An optional LED-UV disinfection strip helps to keep scopes sterilized!

These new wall mount bronchoscope & ENT scope cabinets allow for small scopes to be dried in the same safe, efficient manner as scopes in other parts of the facility.

SCW2448DRDP

- HEPA filtered Positive Pressure with two High Volume intake fans and one exhaust fan
- Customizable scope holders to fit most common scope types
- Holds up to 4 bronchoscopes
- Glass paneled doors for easy viewing of scope inventory
- Adjustable timer (10 to 180 mins) for fan operation.
- Fans activated automatically upon closing of doors
- Industry best 12 year limited manufacturer warranty
- Cabinet dimensions: 48"H x 24"W x 12.75"D



Vertically hang up to 24 dilators for channel drying, exterior drying and storage. Short cabinets can hold dilators up to 28" long while tall cabinets can hold dilators up to 39" in length.

DSC24TK-DP

- Positive pressure fan system dries Bougie dilators, Savary-Gilliard® dilators & other wire guided dilators
- Includes 4 pull out slides that each hold six dilators for easy access to similar sized dilators at one time
- Replaceable HEPA Filter removes 99.7% of particulates, .03 Microns
- Fan run time (from 10-180 minutes) is fully adjustable and activated each time the cabinet door is closed
- Each dilator storage cart can hold up to 24 individual dilators, varying in size from 5mm (15 French) to 20mm (60 French) & up to 28" in length
- Choice of lock options: keyless, latch lock, standard key lock or standard electronic lock

- Durable, scratch resistant heat sealed powder coat finish



DILATOR DRYING CARTS

DSC24SK-DP

All dilator carts available without a drying package



DSC-BLNHLDR-5L

Add an esophageal dilation balloon holder accessory to hold all of the packaging needed for your GI practice.



An uninterruptible power supply system prevents drying cycle interruptions when transporting carts. Two capacities are available.

DSC36TGK-DP

This high volume cabinet is recommended for facilities and clinics with a large quantity of dilators - typically more than 20 - as it can store up to 36 Bougie or Savary-Gilliard® dilators.

Order your dilator cart with an optional glass door like this one!



DSC36TK-DP



SCOPE DRYING STORAGE/TRANSPORT

STC-AL10

STC-AL8



Designed to securely store and safely transport scope trays. Carts can be color coded to signify clean, patient ready scopes versus soiled scopes that need reprocessing. Each cart securely holds most popular brands of scope trays.

STC-AL6



- Sturdy, all aluminum construction
- Secure scope tray holding system with individual trays held in place by zero-slide tray retainers
- Holds multiple brands of scope transport trays
- Available space on the cart top for additional supplies or equipment
- 3" (7.6 cm) single wheel stem caster set, full swivel – two with brake
- Durable scratch resistant hard baked powder coat finish
- Lightweight and simple to clean
- Cart is delivered fully assembled
- Latex free
- Scope trays not included

CUSTOMIZE YOUR CART WITH A VARIETY OF SCOPE TRANSIT SYSTEM OPTIONS!

Breakaway Lock Bar:

- Secure your scope trays with a breakaway lock bar
- Comes with a pack of 100 breakaway seals
- Enhances identification of trays allowing you to more easily keep track of which scope trays are clean or soiled
- Each breakaway seal has a unique identifying number for tracking which staff is responsible for tray reprocessing
- Helps prevent tampering by restricting tray access
- Comes in a heat sealed powder coat steel finish in over twenty color choices including an antimicrobial option



Change the appearance, expand the functionality and broaden the usefulness of your Harloff cart by purchasing optional built-in add-on products.

Color Coded Seals:

- Breakaway seals come in a default yellow, but can be purchased in several color options
- Color code your seals: green for clean, red for soiled or any other color options to match your procedures
- Adds an additional identifying feature



Color Coded Cart Bodies:

- Color code your cart body: green for clean, red for soiled or any other color options to match your procedures
- Color code to specific reprocessing areas
- Our durable heat sealed powder coat aluminum finish and open design is easy to clean and sterilize

ENT/BRONCHOSCOPE

Item #	Drying
SCW2430DR	No
SCW2430DRDP	Yes
SCSSW2430DR (stainless)	No
SCSSW2430DRDP (stainless)	Yes
SCW2448DR	No
SCW2448DRDP	Yes
SCSSW2448DR (stainless)	No
SCSSW2448DRDP (stainless)	Yes
SCW24-LEDSTERI LED Sterilization upgrade	

DILATOR DRYING CARTS

Item #	Dilator Height	Capacity
DSC24S (no drying)	28"	24
DSC24S-DP	28"	24
DSC24T (no drying)	39"	24
DSC24T-DP	39"	24
DSC36T (no drying)	39"	36
DSC36T-DP	39"	36
DSC-BLNHLDR-5L	balloon holder	
BBU-BASIC	650 volt battery backup	
BBU-PREM	850 volt battery backup	

SCOPE TRANSPORT AND STORAGE CARTS

SafeCap scope trays and lids are also available for purchase.

Item #	Capacity/Type
STC-AL6	6 trays
STC-AL8	8 trays
STC-AL10	10 trays

Available options: a breakaway lock kit or stainless steel casters suitable for going through a cart wash.

GI CARTS/CABINETS INVENTORY LIST

ENDOSCOPE DRYING CABINETS

All models available in key lock, latch lock, e-lock or even badge entry versions.

Item #	Capacity	Finish	Width	Channel Drying
SC8044DRDP	16 scopes	Powder Coat	44"	No
SCSS8044DRDP	16 scopes	Stainless	44"	No
SC8044DRDP-DSS3316	15 scopes	Powder Coat	44"	Yes
SCSS8044DRDP-DSS3316	15 scopes	Stainless	44"	Yes
SC8036DRDP	14 scopes	Powder Coat	36"	No
SCSS8036DRDP	14 scopes	Stainless	36"	No
SC8036DRDP-14-DSS3316	14 scopes	Powder Coat	36"	Yes
SCSS8036DRDP-14-DSS3316	14 scopes	Stainless	36"	Yes
SC8030DRDP	10 scopes	Powder Coat	30"	No
SCSS8030DRDP	10 scopes	Stainless	30"	No
SC8030DRDP-DSS2310	10 scopes	Powder Coat	30"	Yes
SCSS8030DRDP-DSS2310	10 scopes	Stainless	30"	Yes
SC80WTD RDP-10	10 scopes	Powder Coat	41"	No
SC80WTD RDP-10-DSS2305	10 scopes	Powder Coat	41"	Yes
SC8036TK-14 36" Wide Tambour Door Cabinet, 14 Scope Capacity				
SC8036TKDP-14 36" Wide Tambour Door Drying Cabinet, 14 Capacity				



▶ Watch a helpful Dilator Cart video at
<https://www.youtube.com/watch?v=EI55yWe0KDU>

White glove service is available upon request.

SCOPE CABINET ACCESSORIES

Item #	Description
SC-LED-30	LED internal light w/ dimmer for 8030 models
SC-LED-36	LED internal light w/ dimmer for 8036 models
SC-LED-44	LED internal light w/ dimmer for 8044 models
SCFILTER1	Replacement HEPA Filter, 1-count
SCFILTER2	Replacement HEPA Filter, 2-pack
SCFILTER3	Replacement HEPA Filter, 3-pack

10 REASONS TO CHOOSE HARLOFF FOR SCOPE CABINETS

A Smart Choice to Meet & Exceed Current Joint Commission, SGNA, AORN and AAMI Guidelines.



1

Industry Best Positive Pressure HEPA Filtered Drying System. Designed to add Dri-Scope Aid® now or later with easy "Plug & Play" installation.

Proudly Made in the USA

6



Harloff products are proudly **Designed, Engineered and Manufactured in the United States** at our Colorado Springs, CO facility.



LED Lighting Option

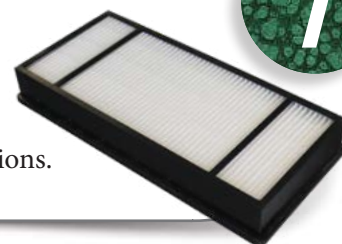
2

Brighten your cabinet and more easily inspect scopes with fully dimmable optional overhead LED lighting which triggers on/off when you open and close the door.

Easy Access to HEPA Filters

7

Change HEPA filters **without opening the cabinet.** Save time and ensure no cycle interruptions.



Disposable Connectors

Save time and ensure compliance! Use single-use connectors for all internal channels of the endoscope. Part of the Dri-Scope Aid® package.



3

Keyed or Keyless Locks

Options include key locks, basic electronic push button locks, advanced keypads and proximity readers. View locking options online at www.harloff.com/locking-options/



8

Hooks and Holders for Specialized Scopes

Major brands to include **Fuji, Olympus, Pentax, Karl Storz and others.**



4

Optional LED Indicator Upgrade

Provides scope-specific lighting to your tracking cabinet whenever a scope is hung, retrieved, or starts/completes a drying cycle.

9

12 Year Warranty

Our Manufacturer's Warranty is Unmatched in the industry. We build our cabinets to last and we stand behind them.

5



Superior Color Choices

Over 20 Colors to choose from. Cabinets have a heat sealed powder coat finish inside and out. View color options online at www.harloff.com/finish-options/

10