

Operator's Manual



SwabSafe™ Swab Dryer Model DSA50

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100 Hunter Place, Youngsville, NC 27596 U.S.A.
919-554-2244 • 800-356-7311 • www.sirchie.com

*Product designs are subject to change without notice.

DSA50_MA11-689ENG-REV1

Technical Specifications

Physical Dimensions	
Outside Dimensions	16"W x 16"H x 16"D
Inside Dimensions	15"W x 15"H x 12"D
Weight, including filters	35 lbs.
Airflow Characteristics	
Volume of Filtered Air	150 CFM
Linear Face Velocity	N/A
Electrical	
Voltage	110V
Current	1 Amp
Power Consumption	60W
Operation	
Speed Selection	Single Speed
Construction	
Top and Base Material	Structural Polypropylene
Front Panel and Sides	Structural Polypropylene
Door	Polycarbonate
Filter	
Type	2 - ACFHEPA-8
Weight	4 lbs.
Dimensions	15"W x 9"L x 3"H
Requirements	Change every 24 months

NOTE:

Your SwabSafe™ Swab Dryer was shipped with the ACFHEPA-8 filters installed. This filter is designed to capture particulate only; no gasses or vapor will be captured.

Assembly

Your shipment should contain the following:

- 1- DSA50 SwabSafe™ Swab Dryer complete with filters installed
- 1- Power Cord
- 1- Swab Rack

Setting Up your DSA50 SwabSafe™ Swab Dryer:

1. Remove your DSA50 and the power cord from the box. Place the power cord and the DSA50 (right side up) on your work surface
2. Carefully remove the wrapping from your unit. If you decide to use scissors or any other sharp object, be sure not to touch the surface of the unit, you could scratch it.
3. Take the power cord and connect it to the power entry module located on the right side of the unit. There should be some resistance, but continue to force it into place until the power cord is securely attached to the unit.
4. Plug the unit into a power outlet.
5. Visually inspect the gasket around the door on the unit. Make sure the gasket is completely covering the face lip that the door seals on. If a gap is present in the gasket, contact the factory for assistance, 919-554-2244.

Operating your DSA50 SwabSafe™ Swab Dryer:

1. Make sure that the power cord is securely in place. Locate the power entry module on the right side of the unit. Directly above the power cord entry is a small black switch. This is your main power switch. Flip it to the ON position.
2. Directly above the main power switch is a larger red switch. This is your speed setting switch. If you flip the switch upward (it should illuminate when you do this), the blower should go into "high speed" and turn on. If the switch is in the downward position, the blower should be OFF.

YOUR UNIT IS NOW READY FOR USE!!!!

Theory of Operation

The DSA50 is designed to provide a controlled contaminant free environment during the drying of swabs that have been used to collect bodily fluids. Air is pulled into the unit through HEPA filtration, circulating around the swabs to air-dry and then exhausted from the unit through another HEPA filter.

The intake HEPA filter removes any potential cross contamination from coming in contact with the swabs. The exhaust HEPA filter removes any potential harmful particulate from being exhausted back into the room

Drying time will vary depending on environment in which the swab dryer is placed.

Cleaning

1. Any cleaning solution can be used on the white polypropylene structure since it is impervious to most chemicals and certainly impervious to all common cleaning chemicals.
2. The sash should be cleaned with an acrylic foam cleaner or a 10% bleach and water solution. Do not use solvent cleaners on the sash as this may cloud the sash material.