

**ERBE APC Connector Hose (20132-158)  
Manual Pre-Process Cleaning and High-Level Disinfection  
with a Custom Ultrasonics System 83 Plus™**

**APC Hose Manual Pre-Processing Cleaning Guidelines**

Use these Pre-Processing Guidelines in place of the scope guidelines shown on pages 11-14 in the System 83 Plus Operator's Manual. The hose should be manually cleaned before it is placed in the washer-disinfector for disinfection.

1. **HOSE EXTERIOR**- Clean with water- use of enzymatic detergents is acceptable. Rinse well.
2. **HOSE LUMEN**- Flush any gross contaminants from the lumen with water/ detergent or disinfectant. The lumen holds roughly 10cc of fluid- use a 60cc luer lock syringe in the hose connection that fits into the filter. Both the syringe and hose end are 'male'. A 'female -to-female' adapter will be required for leak-proof flushing. Flush through until clear.
  - NOTE: Most hospitals have adapters available. Common sources are stopcocks and intravenous fluid connectors. If you need to purchase adapters, call Clinical Education and Support at ERBE (800-778-3723) for information.
3. **RINSE**- Thoroughly rinse any detergents/disinfectants out of the lumen with sterile water.

**APC Hose Processing with Custom Ultrasonics System 83 Plus™**

Follow the manufacturer's guidelines found in the System 83 Plus Operator's Manual for operating the Custom Ultrasonics System. The guidelines below provide only the specifics for processing an ERBE APC Connector Hose in the unit. The unit achieves HIGH-LEVEL DISINFECTION of the hose when used properly. \*

1. **SELECT A PROGRAM**-You should be able to select the same program used for your scopes to wash and high-level disinfect the hose. *WE DO NOT RECOMMEND THE USE OF ALCOHOL INJECTION INTO THE HOSE.* If your unit is equipped with an alcohol injection port, please omit this step, as the hose transports electrical current and alcohol and its fumes are accelerants. (See Drying and storage steps below)
2. **SAFE TO SUBMERGE**- The hose does have electrical connections, but the *ENTIRE HOSE may be submerged* in the Wash and High-level disinfectant cycles- no caps are needed.
3. **CONNECT THE HOSE** - The hose is connected to the unit using a Custom Ultrasonics connector- #18031. The connector is available from Custom Ultrasonics (215/364-1477)
4. **RUN THE PROGRAM**- Run the Wash and High-Level Disinfectant program. This program will wash, rinse, and deliver the chemical to the processing chamber, then double rinse\*\*, and air purge your hose (again, do not perform a terminal alcohol rinse).
5. **REMOVE THE HOSE**-Remove the hose from the processing chamber.
6. **CHECK THE HOSE**- Wipe down the hose exterior with a soft, lint-free cloth. Dry the hose's internal lumen using forced air. Use additional air to further assist in drying, if needed. Towel-dry the ends of the hose.
7. **READY FOR USE**- The hose is ready to be used. Plug in a probe, purge and test fire into an ignition tester.
8. **TROUBLESHOOTING**- You may need to increase the number of purge and test fire cycles to 4 or more, if residual moisture is present in the hose. Repeat until ignition is achieved.
9. **STORAGE**- If the hose is not used immediately, we recommend hanging and storing it (as you do GI endoscopes and bronchoscopes) in a dry environment such as a drying/storing cabinet, rather than coiling it, or leaving it hooked to the machine, for storage. This prevents moisture collection in the lumen which fosters bacteria growth.

\* Testing results are on file at ERBE USA, Inc.

\*\* If your IC protocol specifies triple rinsing, software upgrades for triple rinsing are available from Custom Ultrasonics for a nominal cost. Contact your Custom Ultrasonics representative for details

**Questions?  
Call ERBE USA, Inc.  
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1-800-778-ERBE (3723)**