

# INOvent<sup>®</sup> delivery system

FOR NITRIC OXIDE THERAPY

## INOvent Application Update #11

*Please place with INOvent Operation and Maintenance Manual.*

### **STERILIZING AND DISINFECTION METHODS FOR INOvent DELIVERY SYSTEM INJECTOR MODULE**

New method approved

Recently, SPOROX<sup>®</sup> II Disinfecting and Sterilization solution manufactured by Sultan Chemists, Inc has been tested for use as a disinfectant and/or sterilant for use with the Datex-Ohmeda INOvent injector module. SPOROX II is a high-grade hydrogen peroxide solution. When properly used, high level disinfection will be achieved in 30 minutes and sterilization in 6 hours. SPOROX II is virucidal, sporicidal, tuberculocidal, fungicidal and bactericidal. All of the cautions associated with cleaning an injector module identified in the O & M manual still apply when using SPOROX II.

Detailed information can be found on the Sultan Chemists web site [www.sultanchemists.com](http://www.sultanchemists.com), including directions for use, material safety data sheet (MSDS) and worldwide distribution network.

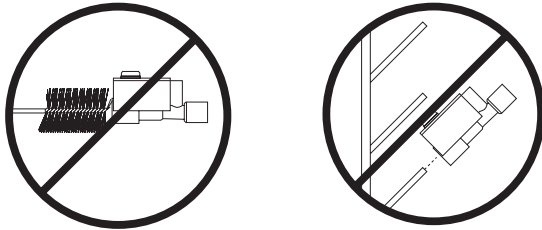
The other approved methods of sterilizing and disinfection for the INOvent injector module are included on back for your reference.

Sporox is a trademark of Sultan Chemists, Inc.

**CAUTION: Don't sterilize or disinfect with the power connected.**

**Do not try to physically remove the fibers from the extremely delicate sensor.**

**Do not insert anything into the module throat to remove contamination or to dry.**



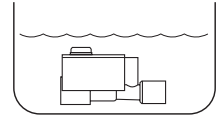
## Autoclave sterilizing

1. Disconnect the electrical cable and the injector tube from the Injector Module before autoclaving.
  - The module can withstand 134 °C for up to three minutes at 18.6 kPa x 100 (bar) (27 psi).
  - If you have questions about a sterilizing agent, refer to the agent manufacturer's data. Read the sterilization equipment user manual.
2. After sterilization, examine the parts. Parts which are broken, visually worn, distorted or discolored should be replaced immediately.

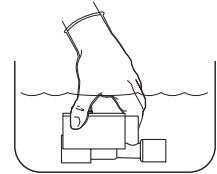
## High level disinfecting

1. Fill a container with ethyl alcohol (70% by volume.)

2. Totally submerge the Injector Module in the alcohol for at least 30 minutes.

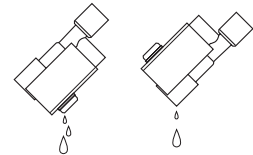


3. To remove contamination if lint or fibers were noticed wrapped around the hot wire sensor in the module, gently agitate the module to splash the alcohol through the module openings.



4. If rinsing is required, use **distilled water only**.

5. When removing the module from the liquid, dump the excess alcohol from the module's:
  - electrical connector,
  - injector port and
  - inside flowmeter.



6. Allow any liquid to evaporate completely before using the module.
  - Using low air pressure to dry the module or remove lint fiber is acceptable.

**CAUTION: If lint or fibers remain wrapped around the hot wire sensor in the module after drying, do not use the module: remove it from service.**



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