

## Cleaning and Maintenance Recommendations

January 2011

Isolite Systems recommends you apply your standard sterilization protocols for cleaning Control Head Assembly parts. All parts of the Control Head Assembly can be cleaned in an autoclave EXCEPT FOR THE LED SMART STICK.

### Isolite Control Head Assembly



#### VACUUM LIGHT PIPE

In preparing for the ultrasonic, autoclave, and/or cold sterilization, take your cleaning brush and gently brush all suction channel openings in the vacuum/light pipe.

**DO NOT TRY TO PUSH THE BRUSH ALL THE WAY THROUGH THE SUCTION CHANNELS.** Both channels on the Vacuum Light Pipe bend into a right angle. Your brush may get stuck if you attempt to push it all the way through and could cause the brush head to break off when you try to pull it out. Instead, clean to the extent of your brush reach on one side of the suction channel, and then clean to the extent of your brush reach on the other side of the suction channel.

**DO NOT AUTOCLAVE ABOVE 132°C (270°F). THIS MAY DAMAGE THE MATERIALS AND VOID YOUR WARRANTY.** If you can't set the temperature on your autoclave, check your autoclave manual to determine if the rubber/plastic setting provides a proper temperature range.

#### LED SMART STICK

To clean the body and prongs of the LED Smart Stick, first pull it out from the Titanium Control Base and either spray disinfectant on a cloth and wipe it down OR use a pre-moistened disinfectant cleaning wipe to wipe it down.

**DO NOT SUBMERGE LED SMART STICK.**

**DO NOT SPRAY ANYTHING DIRECTLY ON THE LED SMART STICK.**

**DO NOT AUTOCLAVE THE LED SMART STICK**

Make sure the LED Smart Stick is completely dry before inserting back into the Titanium Control Base.



## ISOLITE / ISODRY CLEANING AND MAINTENANCE RECOMMENDATIONS (continued)

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### TITANIUM CONTROL BASE

To clean the Titanium Control Base (TCB) follow your established office chair side tool cleaning protocol. Disinfectant OR disinfectant cleaning wipes are safe to use on the TCB.

To prepare the TCB for autoclaving:

- Remove the LED Smart Stick from the TCB
- Pull the TCB straight off the vacuum hose. **DO NOT BEND OR TWIST** the TCB to remove it.
- Remove the vacuum control levers by pushing the levers into the off position towards the hose connection. There is a lip that stops the lever from continuing to rotate. Gently roll the lever over the lip. The Levers should pop out easily.
- Take the cleaning brush provided and gently sweep all suction channel openings out with warm water. **DO NOT TRY TO PUSH THE BRUSH ALL THE WAY THROUGH THE SUCTION CHANNELS.** Both channels on the TCB are not straight. Your brush may get stuck if you attempt to push it all the way through and could cause the brush head to break off when you try to pull it out. Instead, clean to the extent of your brush reach on one side of the suction channel, and then clean to the extent of your brush reach on the other side of the suction channel.

After the TCB has been properly cleaned, the TCB should be cycled in an autoclave.

If needed, an ultrasonic cycle can be used to assist with more stubborn matter prior to the autoclave.

**DO NOT AUTOCLAVE ABOVE 132°C (270°F). THIS MAY DAMAGE THE MATERIALS AND VOID YOUR WARRANTY.** If you can't set the temperature on your autoclave, check your autoclave manual to determine if the rubber/plastic setting provides a proper temperature range.

The TCB should **AVOID CONTACT WITH HIGH-ALKALINE SOLUTIONS**, such as Vacusol. If contact with a high-alkaline solution occurs, then flush the TCB with water for 30 seconds. **DO NOT SOAK TCB IN ANY SOLUTION OVERNIGHT.**

Make sure the TCB is completely dry before re-inserting the LED Smart Stick.

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### ISOLITE POWER HOSE / ISODRY HOSE

Follow your regular HVE hose cleaning protocol to clean your Isolite or Isodry hose.

The Isolite and Isodry hoses can be autoclaved.

If you draw tube cleaning solution through the hose as part of your office's cleaning protocol, make sure you remove the LED Smart Stick and unplug the power adapter to prevent any damage. Again, after cleaning, make sure your components are completely dry before plugging the power adapter into the Isolite hose or re-inserting the LED Smart Stick into the TCB.

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### O-RING LUBRICATION

O-rings should be lubricated at least weekly or anytime they appear dry. Swab with Dow 111 Silicon Grease to lubricate (small white packets are supplied with your system and are also available for purchase at [Isolitesystems.com](http://Isolitesystems.com).)

- Large O-ring: located ¼" inside the hose where the TCB inserts.
- Small O-rings: located on each vacuum control lever.

Cracked or frayed looking O-rings is a direct result of not keeping the O-rings well lubricated. (O-ring replacement kits are available for purchase at [Isolitesystems.com](http://Isolitesystems.com).)