



**BELCO GLASS, INC. USA**

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## **AUTOCLAVING BELLCO SPINNER FLASKS**

Place assembled Spinner Flask into the Autoclave in an upright position. This is important so that the impeller assembly is not lying on its side. If the vessel is too large to fit standing up remove impeller assembly and autoclave separately.

**NOTE:** If the assembly is autoclaved on its side this will cause it to warp. Additionally it is recommended to add a small amount of deionized water in the vessel to create additional steam internally.

Make sure that all caps are placed on the vessel and that (they are not tightened down all the way). Back them off about a full turn so that pressure and steam will be able to escape and that a vacuum will not form on cool down.

**NOTE: This is extremely important so that the vessel will not crack or explode.**

Autoclave on liquid cycle for at least 30 minutes at 121 degrees C at 15psi. A larger vessel will require more time. All components for this vessel have been manufactured to be autoclaved repeatedly at these conditions.

**After autoclaving allow the vessel to cool down slowly.**

For Bellco Bioreactors and Fermentation Systems the vessel and all internal components are autoclavable.

**EXCEPT FOR THE MOTOR DRIVE IF APPLICABLE!  
AUTOCLAVING THE MOTOR WILL CAUSE DAMAGE.**