

## AUTOCLAVE CYCLES

CYCLE TYPE:	RECOMMENDED FOR:	<u>NOT</u> RECOMMENDED FOR:	TYPICAL PARAMETERS: (TEMP/ TIME)
<b>LIQUID</b>	<ul style="list-style-type: none"> <li>• Use with Type I borosilicate glass containers with vented closures; 2/3 full only</li> <li>• Liquid media</li> <li>• Nonflammable liquids</li> <li>• Aqueous solutions</li> <li>• Liquid biowaste</li> </ul>	<p>DRY ITEMS that don't require a slow exhaust</p>	<p>121° C</p> <p>Sterilize time = 30 to 60 min.</p> <p>Cool Time = 40 min.</p> <p>Approx. Run Time = 70 to 100 min.</p>
<b>SOLID</b>	<ul style="list-style-type: none"> <li>• Glassware:               <ul style="list-style-type: none"> <li>-Type I borosilicate</li> <li>- empty &amp; inverted</li> <li>- no tight or impermeable closures</li> </ul> </li> <li>• Dry hard items, either unwrapped or in porous wrap</li> <li>• Metal items with porous parts</li> <li>• Other porous materials</li> </ul>	<p>LIQUIDS OR MEDIA that do require a slow exhaust</p>	<p>121° C</p> <p>Sterilize Time = 30 to 40 min.</p> <p>Dry Time = 0 to 30 min.</p> <p>Approx. Run Time = 45 to 80 min.</p>
<b>PRE-VACUUM</b>	<ul style="list-style-type: none"> <li>• Glassware that must be sterilized upright &amp;/or can trap air</li> <li>• Wrapped dry items that can trap air</li> <li>• Pipette tip boxes</li> <li>• Sharps decontamination (in collection containers)</li> <li>• Biohazard waste decontamination (in autoclave bags; can be wet + dry tubes, plates, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>• Liquids or media</li> <li>• Lighter weight plastic containers</li> <li>• Dry items that will collapse in a vacuum</li> </ul>	<p>121° C</p> <p>Sterilize time = 30 to 45 min.</p> <p>Cool time = 2 to 5 min.</p> <p>Approx. Run Time = 40 to 55 min.</p>