

AUTOCLAVE CYCLES

CYCLE TYPE:	RECOMMENDED FOR:	<u>NOT</u> RECOMMENDED FOR:	TYPICAL PARAMETERS: (TEMP/ TIME)
LIQUID	<ul style="list-style-type: none"> • Use with Type I borosilicate glass containers with vented closures; 2/3 full only • Liquid media • Nonflammable liquids • Aqueous solutions • Liquid biowaste 	<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>
SOLID	<ul style="list-style-type: none"> • Glassware: <ul style="list-style-type: none"> -Type I borosilicate - empty & inverted - no tight or impermeable closures • Dry hard items, either unwrapped or in porous wrap • Metal items with porous parts • Other porous materials 	<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>
PRE-VACUUM	<ul style="list-style-type: none"> • Glassware that must be sterilized upright &/or can trap air • Wrapped dry items that can trap air • Pipette tip boxes • Sharps decontamination (in collection containers) • Biohazard waste decontamination (in autoclave bags; can be wet + dry tubes, plates, etc.) 	<ul style="list-style-type: none"> • Liquids or media • Lighter weight plastic containers • Dry items that will collapse in a vacuum 	<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>