

Autoclave Use and Safety

Autoclave PPE

Wear your:

To Protect Your:



Skin & clothing



Hands

- Be sure to wear heat resistant gloves



Eyes



Feet

Safety Tips

- Always use a secondary container when autoclaving.
- Do not seal bags or close bottles/containers tightly.
- Never autoclave solvents, corrosive chemicals, or chemical preservatives (i.e. methanol, ethanol, TRIzol).
- Never autoclave radioactive materials.
- Fill liquid containers half-full to avoid boiling over.
- Loosen caps before autoclaving to avoid explosion.
- Secure autoclave door before operating to prevent sudden release of high-pressure steam.
- Wait for the pressure gauge to drop to zero before opening the door.
- Open the door cautiously.
- Let liquids stand 10-20 minutes after the autoclave is opened to avoid movements that could cause them to boil over.
- Allow steam to escape before reaching inside.