



## XRD STE23 Steam Sterilizer: Pressure Release Procedure

**Document Code:** XRD-WI-STE23-001 | **Version:** 1.0 | **Date:** 05/12/2025

### Purpose

This procedure provides instructions for safely releasing pressure from the chamber of the XRD STE23 Steam Sterilizer to ensure user safety and equipment integrity.

### Scope

Applicable to all users operating the XRD STE23 Steam Sterilizer.

### Safety Precautions

- **Warning:** Do not attempt to release pressure until the autoclave chamber has cooled to a safe temperature to avoid burns or injury.
- Keep fingers and hands away from the exhaust valve opening during pressure release to avoid contact with hot steam.

### Procedure

#### 1. Verify Chamber Cooling:

Ensure the autoclave cycle is complete, and the chamber has cooled to a safe temperature.

#### 2. Locate the Exhaust Valve:

The exhaust valve is located at the rear of the XRD STE23 Steam Sterilizer.



#### 3. Release Pressure:

- Gently pull the ring on the exhaust valve to initiate pressure release.
- Position your hand to avoid direct contact with the steam exiting the valve.
- The pressure release will occur gradually and should not be abrupt.

#### 4. Confirm Completion:

- Wait until no further steam or pressure is released from the valve.
- Verify the chamber is fully depressurized before opening the autoclave door.