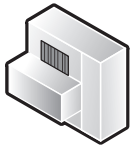


# Valve Care Guidelines: Easy Connect-to-Cage

## 1) Sanitization

Included are instructions for sanitizing the valves in a tunnel washer, rack washer, or ultrasonic cleaner. Follow the appropriate instructions based on the cleaning equipment used by the facility. Sanitizing and sterilizing of valve and cages should be based on standard operating procedures (SOP).



**Tunnel/Rack Washer**

1. Follow the appropriate instructions based on the cleaning equipment used by the facility.
2. A chemical sanitizing process may be used or a combination of high-temperature rinse with a chemically-treated solution.
  - Free chlorine concentrate not exceed 20 ppm\*
  - Maintain a pH level of 5.0 pH or higher
  - Maximum contact time of 45 minutes
  - Non-Chlorine process pH level can be no lower than 2.6 pH

\* Chlorine sanitizing solution must be changed weekly. Chlorine dissipates relatively quickly. Solutions older than one week will not effectively sanitize.

## 2) Sterilization/Autoclaving

**After sanitizing the valves, follow these recommended autoclave cycles.**

1. Three (3) pulse cycles with a vacuum pull no greater than -15 in Hg
2. Do not exceed a sterilization temperature of 149°C (300°F).
3. Dry cycle vacuum DO not pull a vacuum deeper than -15 in Hg

The following is a list of APPROVED and NOT APPROVED cold sterilants:

### ✓ Cold Sterilants Approved by Avidity Science

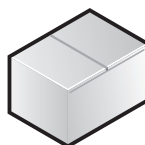
- Free chlorine solution less than 20 ppm
- 1% Sodium Hydroxide Solution
- 70% Ethanol
- Advanced Hydrogen Peroxide
- Cavicide
- Caviwipes
- Labsan 256 CPQ
- Labsan 710R
- Mikro-Quat
- Quatricide
- Quatricide PV
- Quatricide TB (may leave whitish-yellow deposits on valves and may remove labels on other products)
- Sani-Cloth Plus
- Sor-Klenz
- Sterilex
- Virkon 5

### ✗ Cold Sterilants NOT Approved by Avidity Science

- Free chlorine solution greater than 20 ppm
- Clidox S

## 3) Storage

Use storage recommendations from cage manufacturer.



Please see full disclaimers and recommendations in our *Sanitizing, Sterilizing and Storage of Rack Manifolds, Drinking Valves and Recoil Hose* operational guide – OP-000041 or contact an Avidity Science representative for more information.