

## CARE INSTRUCTIONS FOR AUTOCLAVABLE POLYCARBONATE MANIFOLDS AND WANDS

- 1) Some, but not all, V&P Manifolds are constructed of rugged, clear *polycarbonate* and stainless-steel tubes, and have silicone rubber O-ring caps at the ends.
- 2) ***Polycarbonate is not compatible with organic solvents such as DMSO and alcohols. These solvents, especially in combination with UV light, cause the polycarbonate to develop small cracks. Please use our Polypropylene versions with these solvents.***
- 3) Polycarbonate Manifolds and Wands are sealed with heat stable silicone rubber O-ring caps.  
***\*\*\*DO NOT REMOVE THESE CAPS FROM THE MANIFOLD OR WAND, THIS MAY COMPROMISE THE INTEGRITY OF THE SEAL\*\*\****
- 4) The following Polycarbonate Manifolds and Wands can be autoclaved:
  - a) VP 180PC-1S, VP 180PC-2S, VP 180PC-3S, VP 183V, VP 184, VP 185-1, VP 185L-1, VP 185LA, VP 186L-1, VP 187PC-1S, VP 187PC-2S, VP 187PC-3S, VP 189L and VP 191L.
- 5) The following procedure is recommended for autoclaving:
  - a) Make sure the Manifold or Wand is clean before autoclaving.
  - b) Place the Manifold or Wand in a suitable container to protect them while autoclaving.
  - c) Do not place objects on top of the Manifolds or Wands while autoclaving.
- 6) The Manifolds or Wands can also be sterilized with a dilute bleach solution, followed by 5 rinses with sterile distilled water.
- 7) Cleaning the Manifolds:
  - a) Clean immediately after use. Wash once with a mild detergent and rinse at least 5 times with distilled water. Purge with air between rinses. Avoid prolonged soaking in detergent or salt solutions. Dry the metal tubes by purging with air.
  - b) If a tube appears to be clogged, clear out the obstruction by reaming with the small wire rapier provided with the Wand or Manifold. Follow with a rinse with distilled water and drying by purging with air.
  - c) Do not use deionized water as this can corrode the stainless-steel pins.