



## **CARE INSTRUCTIONS FOR POLYCARBONATE WANDS AND MANIFOLDS**

- 1) V&P Wands and Manifolds are constructed of rugged, clear *polycarbonate* and stainless steel tubes. (Polypropylene versions are also available. Please see [www.vp-scientific.com](http://www.vp-scientific.com) for details.)
- 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. The following Wands and Manifolds should NOT be used with organic solvents: VP 175A, VP 175D, VP 180, VP 180B, VP 180A, VP 181, VP 182, VP 182C, VP 183, VP 184, VP 185, VP 185L, VP 185LA, VP 186L, VP 187, VP 187A, VP 187B, VP 187C, VP 187D, VP 188, VP 188A, VP 188LA, VP 189L, VP 189M and VP 191L.***
- 3) Polycarbonate **Wands** have either a tapered or female luer fitting at one end. **Wands** can be autoclaved:
  - a) Place Wand in a suitable container to protect from being twisted or bent while autoclaving.
  - b) Do not place objects on top of Wand while autoclaving.
  - c) **Do not autoclave Wand in an upright position.**
  - d) **Make sure Wand is clean before autoclaving.**
  - e) Autoclave *dispensing* Wand with the tubing to be used for dispensing attached.
- 4) Polycarbonate **Manifolds** have a female luer connector at the center of the barrel. **Manifolds cannot** be autoclaved.
- 5) Both **Wands** and **Manifolds** can be sterilized with a dilute bleach solution, followed by a rinse with sterile distilled water.
- 6) Cleaning **Wands** and **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 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.