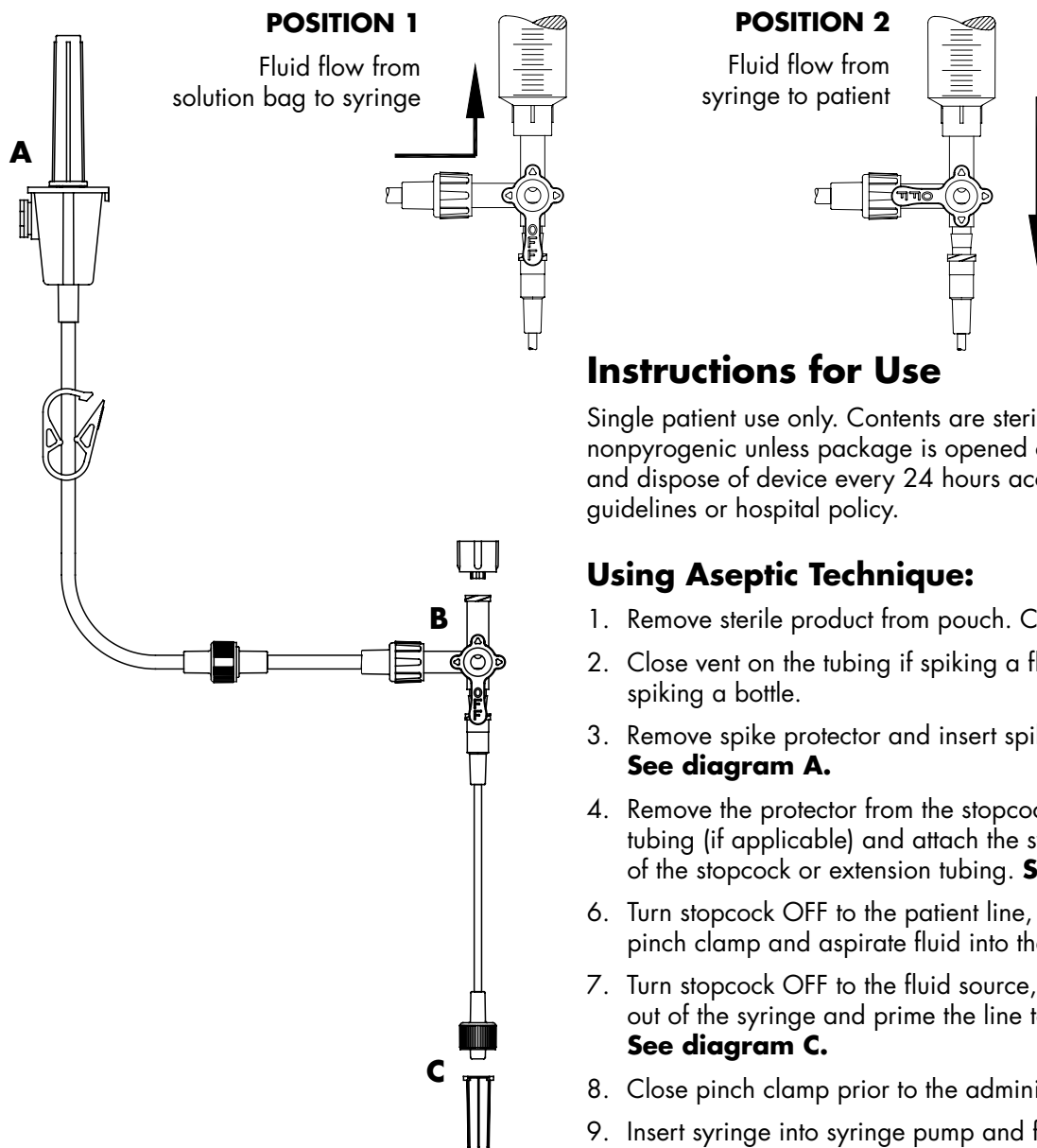


# Mangum Micro Delivery System Instructions for Use

THE ALTERNATIVE FOR ACCURATE FLUID DELIVERY

The Mangum Micro Delivery Set is a closed system for use with a syringe pump for administration of I.V. drugs and solutions.



## Instructions for Use

Single patient use only. Contents are sterile and fluid path nonpyrogenic unless package is opened or damaged. Change and dispose of device every 24 hours according to CDC guidelines or hospital policy.

## Using Aseptic Technique:

1. Remove sterile product from pouch. Close pinch clamp.
2. Close vent on the tubing if spiking a fluid bag; open the vent if spiking a bottle.
3. Remove spike protector and insert spike into the bag or bottle. **See diagram A.**
4. Remove the protector from the stopcock port or extension tubing (if applicable) and attach the syringe to the open port of the stopcock or extension tubing. **See diagram B.**
6. Turn stopcock OFF to the patient line, **position 1**. Open the pinch clamp and aspirate fluid into the syringe.
7. Turn stopcock OFF to the fluid source, **position 2**. Expel air out of the syringe and prime the line to the patient with fluid. **See diagram C.**
8. Close pinch clamp prior to the administration of fluid.
9. Insert syringe into syringe pump and follow the appropriate syringe pump instructions for fluid administration.
10. Upon completion of fluid administration turn stopcock OFF to patient, **position 1**, and prepare for next infusion.

**Medex, Inc.**  
2231 Rutherford Road  
Carlsbad, CA 92008  
USA

**Medex Holding GmbH**  
Prinzenallee 15  
40549 Düsseldorf  
Germany