

Use of the 100 μ l ALZET Micro-Osmotic Pumps With a Catheter

1. Using a pair of scissors or pliers, break the white flange from the flow moderator. When removing the flange, be careful not to bend or crush the stainless steel tube.
2. Attach the stainless steel tube to a piece of polyethylene or vinyl catheter tubing with an inside diameter (I.D.) ≤ 0.76 mm (≤ 0.03 inches). Polyethylene tubing, commonly called PE-60 (I.D. = 0.03 inches), is a good choice for most applications. After attachment, the catheter should cover about 4 mm of the length of the tube.

With the other ALZET models (2000 series and 2ML series), the step of breaking the plastic flange is not necessary since these models have a translucent cap on the flow moderator that can be easily removed to expose a piece of the flow moderator. The reason the 100 μ l pump series (1003D, 1007D, 1002, and 1004) were designed without the removable piece was to conserve space and not make them any bigger.

