



Topi-Pumpx (#17900, 17901, 17722, 17723, 18291-18295) Airless Metered Pump Dispensers (#10393-10395) Topi-Click (#17894, 17895, 17562)

Compounding pharmacists all have their own personal preferences when it comes to metered dose pumps/dispensers. The three variations we have in our line: Airless Metered Pump Dispensers, the Topi-Click and the Topi-Pumpx all work with a wide range of viscosities. Each dispenser requires a calculation step so the pharmacist can be sure that the proper dose is being delivered each time the pump is actuated.

Sometimes it comes down to the actual physical properties of the container. If the pharmacist wants a more elegant looking pump, they choose the Airless Metered Pump. Both clear and amber Topi-Pumpx are UV protected from UVA and UVB rays, up to the USP standards. If the pharmacist dispenses other active ingredient gels in their compounding practice, they sometimes want to differentiate between the different compounds by color code and use the Topi-Click that is available in three different colors. The Topi-Click also has a audible click which is sometimes preferred by the patient, as a indication of using the appropriate dose.

Some pharmacists try to find one pump/dispenser to meet all their needs so they don't have to stock two or three different types. If a pharmacist wants to stick to one dispenser only, they need to decide several questions? Size of the pump is sometimes a consideration. The volume of product that needs to be dispensed must be considered. Topi-Pumpx and the Airless Metered Pumps are available in different size configurations; whereas the Topi-Click is more one size fits all. Certainly cost enters into the equation.

One way for a pharmacist to decide which might be the best to use in their practice is to review the instructions for all three. Again, each pump has its own requirements for calibrating, filling and dispensing.

If possible, you might want to "test" a sample of each one. Ease of use needs to be considered from both the pharmacist filling the pump and the patient using the pump once they get it home. Testing samples and experimenting with fill and metered doses might give you an idea as to which one would work best.

Overall, it seems that metered dispensing is a site specific type decision. Many pharmacists have tried all three and have ultimately decided on the one that works best for them.