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Operational Instructions for Manual Syringe p/n 100-10-52

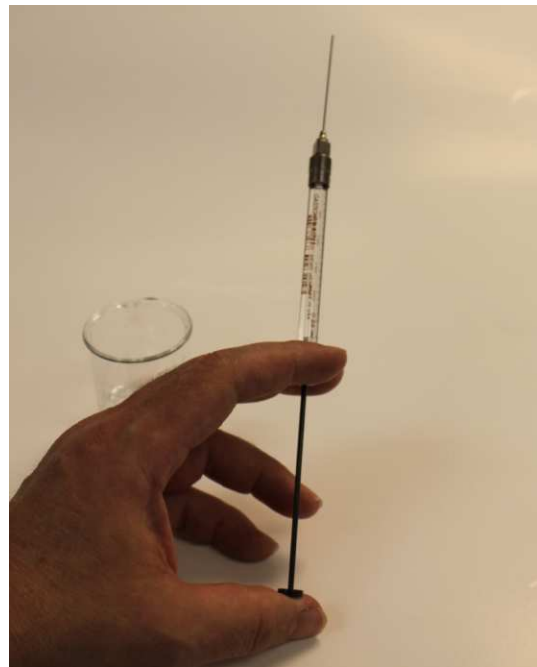
1. To fill an empty syringe, first ensure that it's clean. With the plunger fully inserted, place the tip in a vessel of your test liquid as shown and then pull the plunger to the top line.
3. Push the plunger until the air is evacuated from the needle and liquid is seen being emitted from the tip.



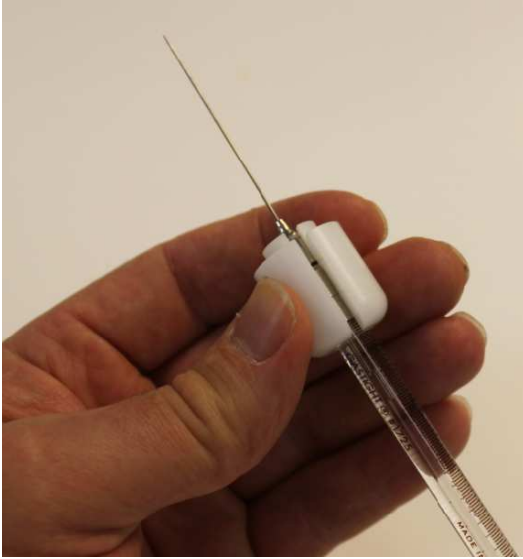
2. Insert the needle and twist 90° to lock into the hub as shown.



4. Place the needles tip in the vessel and pull the plunger to fill line to fill both the needle and syringe with test liquid.



5. Locate the Syringe Adapter (p/n 100-10-51) and insert the syringe into the adapter as shown.



6. Install the syringe in the microsyringe fixture and secure it by turning the knob shown below.



Maintenance Instructions

- Avoid moving the plunger when the syringe is empty.
- Wet the plunger when initially installing the plunger into the barrel.
- Avoid removing the plunger. If the plunger is accidentally removed, wipe it off with a Kimwipe and re-wet it before reinserting. Treat the plunger carefully or leaking may result.
- Use water or acetone to clean the syringe.
- The syringe is autoclavable.
- Use ramé-hart p/n 100-10-12-XX for straight dispensing needle. XX is the gauge; 22g is standard.
- Use ramé-hart p/n 100-10-13-XX for inverted dispensing needle. XX is the gauge; 22g is standard.
- Use ramé-hart Syringe Adapter p/n 100-10-51 for use with any ramé-hart Microsyringe Fixture.
- Spare parts are available at our website www.ramehart.us.
- Visit our main website at www.ramehart.com.