

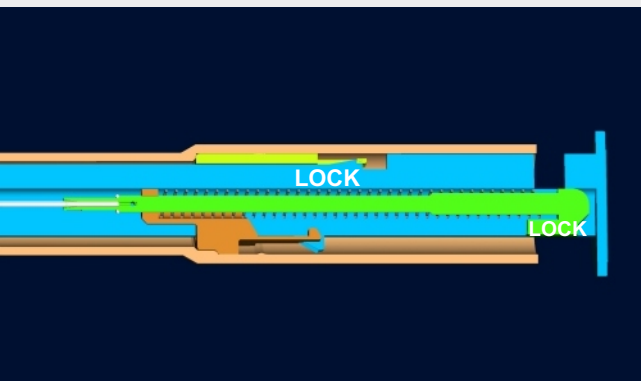
5. The mechanical continuity and design of the Needle Holder (NH) within the barrel chamber aids in eliminating hydraulic pressure disablement while assisting insertion of the needle.



6. The luer taper of needle protector seals the nozzle and locks air in the barrel to avoid inadvertent plunger advance.



7. Needle is permanently bonded to the Needle Holder (NH) so that it cannot move free in the plunger or fall off when the plunger / plug is withdrawn.



8. Positive engagement of the plunger with barrel and needle holder provides a total interlock (lock) of components that renders Smart Syringe immobile and inoperative after use.