

Positive Displacement Syringe



Integrated to the Control and Software

These syringes offer the most precise method of fluid dispensing. Several may be used for different materials on one machine.

The reload feature automatically “pulls” fluid from a bulk container & fills the syringe eliminating costly downtime and ensuring no air enters the system. Ideal for medical / electronic applications.

Certain applications with micro-liter size deposits require an accurate closed loop feedback solution for dispensing volume.

The PD syringe system is programmable & requires no air for operation or external control box. The robot includes software to control the system in real time. A single cable connects the syringe system to the robot.

Programs may be taught with the machine or imported as cad files (DXF PLT G Code).

Accurate and repeatable deposits from 2.5 to 500 micro liters may now be reliably dispensed.

