



Application Bulletin

3638



Positive Displacement Syringe

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 an external control box. The robot includes software to control the system in real time. A single cable connects multiple syringes to the robot.

A 6 position dispense head automatically positions the proper tip to the correct center (and lowers it). The syringes are synchronized to the tip positions for simple programming and reliable performance.

Integrated to the Control and Software

The 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.

