

Programmable Shot Size



The Axis 300 tooled with our programmable auger valve was used to fill vacuum grease into several cavities of a homeland security particle detector.

This machine / tooling combination is ideal for small shot sizes and controlled dispense rate during programmable motion of the robot (4 axis capable).

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

Deposits were verified and easily met the 1% accuracy range.

Fixturing and Tooling

A modified version of our Pro Pallet fixturing system was used to nest the parts. Central vacuum is manifolded to each pocket for "holddown", while a spring loaded pilot and guide lever orients the products.

System included 2 pallets to allow operator load / unload while the machine is processing the other pallet.

