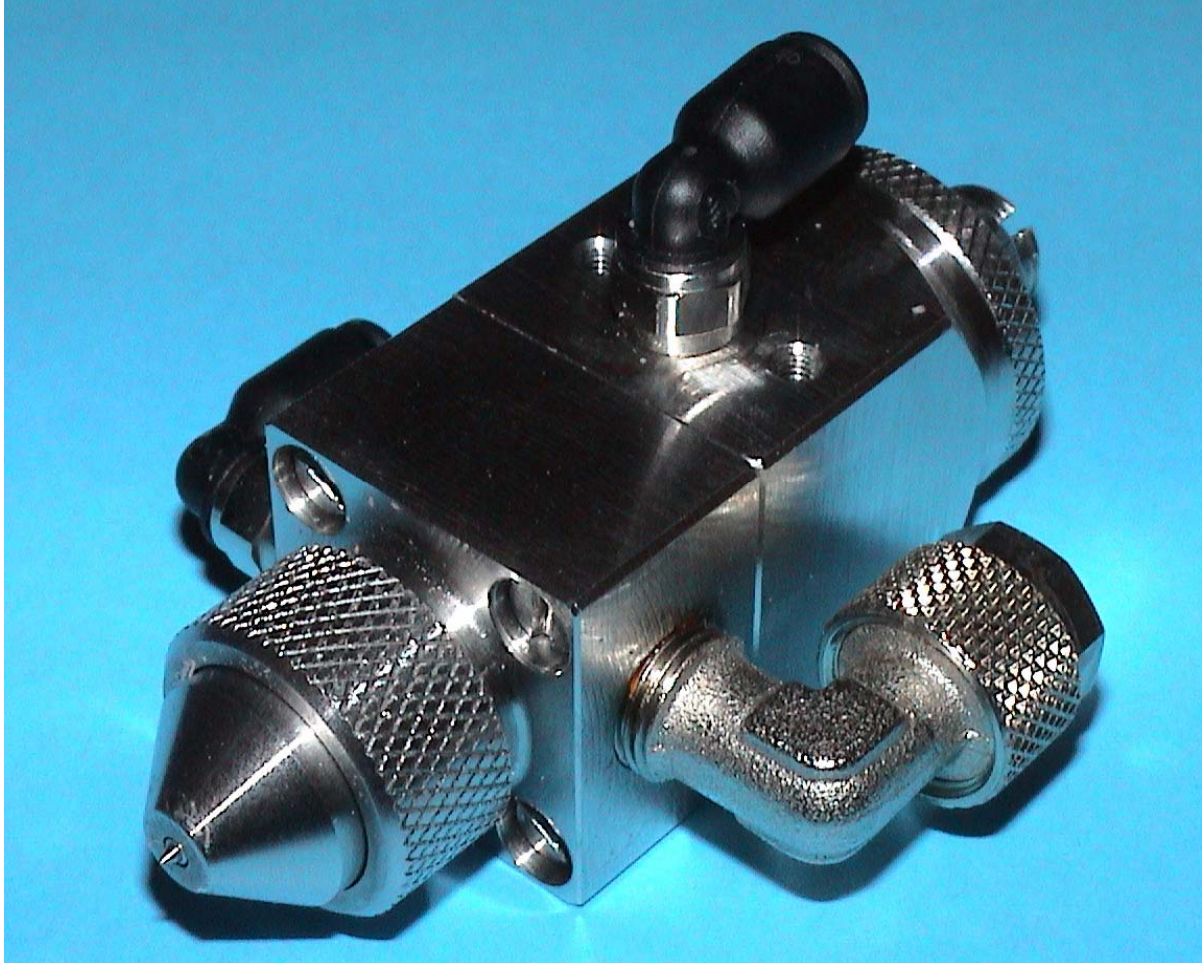


SOUTHLAKE CORP

SA-1 SPRAY APPLICATORS



The SA-1 Spray Applicator has been designed specifically to apply dots or lines of aqueous adhesive to stationary or moving substrates. The valve incorporates a well-proven diaphragm seal principle, to effectively seal the adhesive from the working parts. This diaphragm seal is fixed to both the valve body and the piston assembly and only flexes when the needle moves, thus eliminating premature wear & friction that occurs with sliding seals.

The compact size and fast response, coupled with the self-cleaning and minimal overspray, allows the valve to be used in numerous applications in the cigarette and packaging industries.

Main Features

- Fast Response – Typically 6ms Cycle time < 166 c/sec or 10000 c/min (using high response solenoid)
- Considerably reduced overspray, due to innovative nozzle; needle & air cap design.
- Elimination of sliding seals – uses flexible diaphragm to seal the adhesive from all moving parts
- Nozzle & needle removal can be achieved without disassembly of valve.
- All Stainless Steel construction . Seals are supplied normally in EPDM rubber, other materials available
- Compact size 2.5cm² (excluding solenoid) x 6.5cm long.
- Various air & adhesive porting arrangements are available.
- Typical uses:- HLP Packing machines; Boxing & Parcelling machines; swirl or scatter spray for filter Internal anchorage; Triacetin application on Tow processing machines, etc, etc.