

### Dynamic Mix & Disposable Mixers for 2-Component Materials



Model 2151-482-001 PSM Valve  
Power Static Mix Valve is engineered for dynamic  
mixing 2-component adhesives and sealants

#### Engineered Features

- ▶ Ideal for ensuring a complete homogeneous mix of 2-component materials
- ▶ Variable speed servo motor for low to high speed mixing pre-set in the controller
- ▶ Uses standard plastic disposable mixing tubes which easily attach to the drive shaft
- ▶ Dual independent fluid control valves for part-A and part-B materials to start-stop dispense
- ▶ Independent No-Drip® control valves have tungsten carbide ball needle and seats for long life with abrasive materials
- ▶ Independent control valves are used instead of check valves which are prone to leak causing frequent maintenance issues
- ▶ Independent control valves may be individually controlled to reduce or eliminate lead-lag dispensing issues
- ▶ Independent control valves allow purging the mixer with part-A or part B material
- ▶ Accepts optional temperature control manifold assembly with closed loop transducer for critical curing processes

#### DESCRIPTION

The PSM Valve is the ideal solution for dynamic mixing 2-Component materials when static mixing is not adequate.

The Power Static Mix Valve is designed for difficult to mix materials and ensures a homogeneous mix occurs by combining rotary dynamic mixing with a low cost disposable mixing chamber.

Solvent flushing is not required.

#### APPLICATIONS

Material dispensing applications include mixing 2-part epoxy, silicone and polyurethane. The PSM Valve is ideal for product assembly processes in bonding, potting, gasketing, coating and filling applications for applications in aircraft, contractor, defense, electronics, filters, marine, medical, sporting goods, automotive, truck and bus dispensing applications.

# 2151-482 Series PSM Valve – Power Static Mix

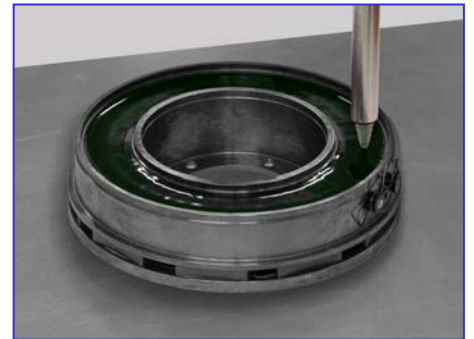


2151-482-000 PSM Valve with Material Temperature Control. Includes a Manifold Assembly for heat and cool water circulation

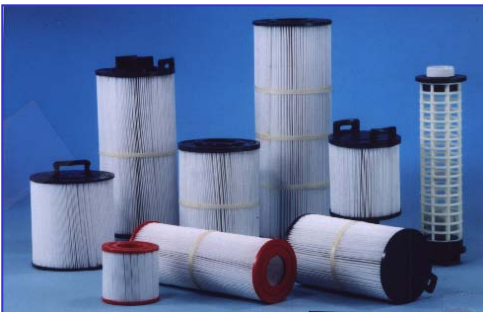
## Typical Applications:



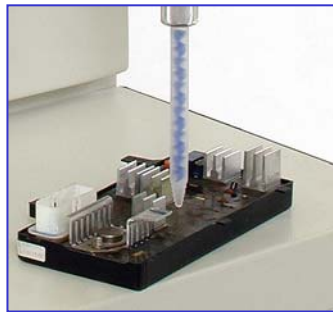
Encapsulating Electronics with foam



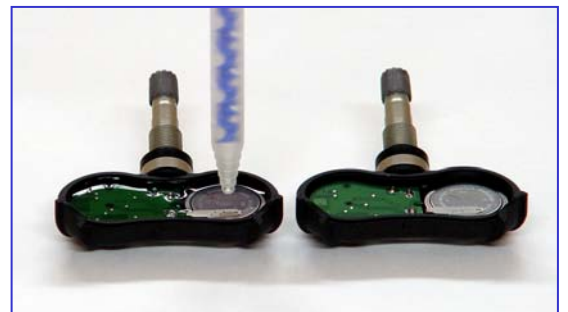
Potting Electro-magnetic Components



Molding Filters End-Caps



Potting/Bonding PC Boards



Potting Critical Electronic Modules

Form 2151-482-001



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