



**PROJECT TITLE:** Cap Assembly & Test

**PART:** Aerosol Pumps

**PROJECT DESCRIPTION:** Automatic Power and Free system for assembly and testing of plastic pump and aerosol cap assemblies (2 types). Up to 4 sub-component parts (per assembly) are vibratory fed and placed into the pallet transfer system. Parts are progressively assembled at each station. Linear and rotary force tests are then performed prior to offloading.

**FEATURES:**

- 30 parts per minute
- Pallet design accommodates two (2) part types
- Part pressure check for each station
- Vacuum Offload for ease of material handling

**BENEFITS:**

- Increased production rate with decreased labor requirement
- 100% Part inspection (presence, linear and rotary force testing)
- Decrease in Reject assemblies



2701 Progress Road • Madison, Wisconsin 53716  
608-222-9000 • Fax 608-222-9183 • [www.isthmuseng.com](http://www.isthmuseng.com)  
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