



COMPACT SANITARY SERIES-700 MIXERS

Pope Scientific announces a new addition to their mixer product line – the Series 700 Mixer. These units are a more compact version of the long established Pope Series 800 line, sharing all of the high performance features of the larger sibling. Designed for applications requiring pressurization and/or high vacuum, wide range of process temperatures, chemical resistance, high power, and ruggedness, especially in situations where space is limited or the process vessel is small. They are designed for critical use in fine high purity chemical and pharmaceutical and food applications, and are CIP and SIP capable. Options and interchangeability include choices of electric or air motors, (geared or direct), impeller types, (welded to shaft or removable), removable, “pool cue” type shafts, RPM indicators, quick motor removal, (for autoclaving, etc), choice of mechanical finishes and electropolishing, etc. 316-L stainless steel is standard, Hastelloy or other alloys optional. Standard elastomers are Viton, alternate substitutes include EPDM or Kalrez. The mounting is 1-1/2 sanitary clamp type. A single dry running mechanical rotary seal is utilized with carbon vs. tungsten carbide for pressure ranges from 0.01 torr to 150 psi, (alternate seal types and ranges optional). Temperature range is -40 to 350 °F. Speeds up to 1000 RPM are possible. Ports are standard for cooling or cleaning. A Teflon lip seal protects the space between the mechanical seal and the two sets of high temperature ball bearings. Shafts are ½” diameter standard. Customized application-specific designs are a Pope Specialty.

For more information, contact Pope Scientific, Inc. at 1-262-268-9300 or info@popeinc.com, or visit www.popeinc.com.