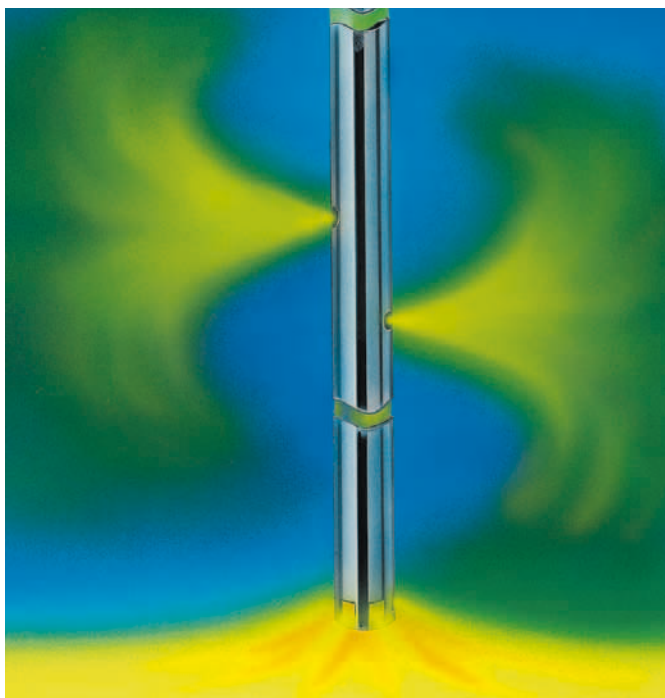


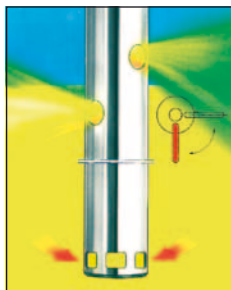
Two in One

Mixing pump tube for corrosive and neutral liquids

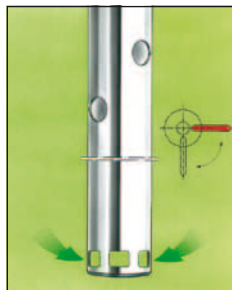


First mix then pump

When it comes to handling emulsions or suspensions which tend to settle out at the bottom of the containers, the MP, mix and pump tube, is an invaluable aid in ensuring that your liquids are gently re-mixed and homogenized.



Mix



Pump



Picture shows:
Mixing pump tube with motor B 55 T / MA II 5

Lutz MP Pump Tube in PP and Stainless Steel

For mixing and pumping of emulsions and suspensions

MP-PP / MP-SS Mechanical Seal

Applications

The Lutz mixing pump tube is designed to be used in any situation where it is necessary to mix and pump in a single operation.

The relatively small pump tube diameter of 50 mm (Polypropylene) and 41 mm (Stainless Steel) also makes the unit ideal for use in narrow-necked containers or in drums with a 2" bunghole.

The rate of flow, viscosity and density of the medium determine the mixing intensity and the delivery rate of the mixing pump tube.

Experience has shown that the mixture quantity should preferably not exceed 55 Gallons if the medium is thin-bodied.

The drive shaft of this pump tube is sealed by a single-acting mechanical seal (MS) above the impeller, making a robust sealing system. The pump tube must not be allowed to run dry.

The pump tube is non-lubricated, thus preventing contamination of the liquids pumped.

Length:

39", 47"

Special length on request.



Warning:

The mixing pump tube in Polypropylene (PP) **must not** be used for flammable liquids.



The mixing pump tube in Stainless Steel is "Zone 0" approved in combination with the original Lutz motors Silver Star / MD-1 / MD-2 in accordance with standards for use in hazardous locations.

For correct bonding and grounding see page 13.

Type	MP MS-PP (Mechanical Seal)	MP SL-PP (Sealless)	MP MS-SS (Mechanical Seal)
Wetted parts			
Housing:	PP	PP	Stainless Steel (316 Ti)
Seals:	—	—	FEP coated
Mechanical seal:	Carbon, SiC, Viton®, HC	—	Ceramic, PTFE, Stainless Steel (316 Ti)
Bearings:	ETFE/PTFE	ETFE/PTFE	Carbon
Drive shaft:	Stainless Steel (316 Ti)	Stainless Steel (316 Ti) optional HC-4 (2.4610)	Stainless Steel (316 Ti)
Examples of liquids:	Chemical, pharmaceutical and metalworking industries, in food production, in printing works, in car repair workshops and in painting/decorating firms.		
Type of impeller:	radial-flow impeller (L)	radial-flow impeller (L)	axial-flow rotor (R)
Material:	PP	PP	ETFE

For performance information see page 6 & 7

Viton® is a registered Trademark of DuPont Dow Elastomers.



Picture shows:

Mixing pump tube with motor Silver Star ME I 6