

Fast and accurate sample analysis method
Heavy Duty Low Maintenance Design
Fully ISO and API compliant

LM-01 Lab Mixer

Sample Receiver Can
Mixing Device

The LM-01 is a heavy duty reliable and accurate lab mixing device.

The LM-01 lab mixing device provides the final step in getting a representative sample for lab analysis purposes. The time between the actual sample collection and final analysis might sometimes take up several hours. During this time the collected sample is likely to saturate and a water layer can start to develop at the bottom of the receiver can. To ensure a representative sample analysis the collected sample needs to be properly mixed.

The labmixer consists of a carefully selected pump, mixing elements, and different tapping points. The pump comes either with a pneumatic or electrical drive.

With KPS supplying and servicing auto sampling solutions for over 15 years, the LM-01 has a proven record of being one of the key components of a reliable and low maintenance automatic sampling system.



Specification

Fluids	Crude oil, refined hydrocarbons (including non-lubricating products)
Viscosity range	0.5 to 500 cSt.
Lab mixer connections	½" outlet and ¾" inlet Quick Release connections
Standard materials	Pressure retaining: 316/304 Stainless steel Standard O' rings Viton (Kalrez available) (NACE certification available)
Operating standards	ISO 3171, API 8.2, IP 6.2, PED . 97/23/EC,
CE compliance	ATEX Eex d IIC T3 and Machinery directive . 98/37/EC
Approximate weight	35.0kg (electric driven) 7.0 kg (pneumatic driven)

Actuation data

Actuation method	Pneumatic, 15 SCFM @ 40 psi, (25 litres min. @ 2.75 bar)
Actuation method	Electric, available in single phase and three phase



LM-01-P



LM-01-E

More info:



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