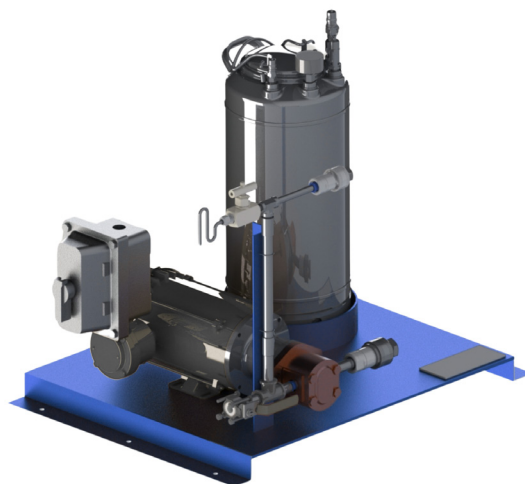


## ➤ LM35 Laboratory Mixing Unit

The SAMPLEX<sup>TM</sup> LM35 laboratory mixing unit is specifically designed for SAMPLEX<sup>TM</sup> SR sample containers, providing a quality sample for basic sediment and water (BS&W) monitoring. Over time, the sample collected in a sample receiver can become stratified. The SAMPLEX<sup>TM</sup> LM35 mixes the contents of the SAMPLEX<sup>TM</sup> SR to obtain a homogeneous and representative sample.

The SAMPLEX<sup>TM</sup> LM35 features quick-connect fittings that make its use faster and are compatible with the SAMPLEX<sup>TM</sup> SR. DYCONET can design the laboratory mixer with additional accessories for your specific applications.



### Features

- Integrated with a SAMPLEX<sup>TM</sup> SM60 static mixer and recirculation system.
- Flexible hoses with quick-connect fittings compatible with SAMPLEX<sup>TM</sup> SR containers.
- Local on/off switch with protection for explosive atmospheres.
- Sub-sample extraction valve for the analysis stage.
- Mixing and cleaning system.
- Structural base for fastening and installation in the work area.
- Explosion-proof electrical rating.

### Specifications

- Mixing of products such as crude oil and condensates.
- Construction materials: carbon steel base with 316 stainless steel and carbon steel connections.
- Maximum pump operating pressure of 13 barg @ -25 to 40 °C.
- Discharge connection: 1/2" ISO-B quick-connect; suction connection: 3/4" ISO-B quick-connect; 1/2" FNPT drain; and 1/4" FNPT sub-sample take-off.
- Electrical supply: AC 110V, optional AC 220V with 3/4" FNPT conduit connection.
- Overall dimensions: 635 x 711 mm (25" x 28").
- Optional integrated heating system.