

Littleford Day

Where Processing Ideas Become Reality

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Product Release

M-5 Laboratory Mixer

Description

LDI has designed a new and improved 5 liter laboratory mixer to satisfy a variety of applications and processes. The M-5 has a modular, cast stainless steel construction allowing for easy disassembly and cleaning. The jacket is designed for heating and cooling and is rated at 150 PSIG at 450° F, an optional pressure rated drum can be supplied. With a 3HP electronically variable speed motor, the mixer has enough power for even the most demanding lab applications. Charging is accomplished through a large top port. Several covers are available for different applications, including vacuum operation. A close mounted, full port ball valve is provided as the standard discharge with an end discharge available as an option. LDI's Filtorr[®] system for liquid-solid separation may be used in conjunction with the end discharge for many applications including impurity removal and extractions. The entire unit is self contained on a rugged, cast stainless steel base that provides excellent stability during operation and cleaning.

Features

- VFD with digital readout, 50 - 300 RPM.
- Bolt on heads for total disassembly.
- Product thermocouple with digital readout.
- 1.5" ball valve discharge.
- Cast V- plows or heat transfer blades.
- Multiple shaft seal configurations.
- Non-rotating drum; fixed connections.



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Applications

The M-5 is designed for research and development applications across a wide range of industries making it a universal mixer that is a "must have" for every process laboratory.