

*better mixers, better results*

# The New L5M-A Laboratory Mixer

The new L5M-A Laboratory mixer is a heavy duty unit in every sense. From the powerful new 1hp motor to the high powered control and instrumentation features, the L5M-A offers unrivalled speed and efficiency for everyday mixing duties in all industries.

## Performance

Silverson High Shear Laboratory mixers can cut mixing times by up to 90% compared to conventional stirrers. They are suitable for the widest range of applications, including mixing, emulsifying, homogenizing, dissolving and disintegrating. The L5M-A features advanced instrumentation providing excellent reproducibility and easy scale up to production models. Connection to computers is provided via a USB port.

## Features

- New powerful 1 hp motor, offering speeds of up to 10,000 rpm - even at higher viscosities.
- Digital tachometer, timer and amperage display.
- Touch pad control for cleaner and more reliable operation.
- Increased capacity from 1ml up to 12 liters and in-line up to 20 liters/minute.
- Accurate scale-up to production models.
- Over 40 interchangeable mixing assemblies available.

## Technical Specification

**MOTOR UNIT** Robust two-piece casing.

**MOTOR** 1hp 110 Volt (220 Volt optional) single phase 60 Hz. Nominal maximum speed 10,000 rpm.

**SPEED CONTROL** Infinitely variable electronic speed control with integral on/off switch.

**ELECTRIC RISE & FALL BENCH STAND** The Mixing unit may be effortlessly raised and lowered using the touch screen control.

**CONSTRUCTION** All wetted parts are in grade 316L stainless steel with the exception of the bushing which may be bronze alloy or PTFE. The L5 is finished in a tough, easy to clean, non-chip white nylon coating. The flat base is covered by a removable non-slip mat which is resistant to most solvents.



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