

# LabMaster

## The clear cut laboratory mixing solution

The LIGHTNIN LabMaster achieves the required process results in water-like liquids, high viscosity blending or gas-liquid-solid applications. LabMaster uses microprocessor technology, robust power and advanced laser designed impellers. Custom software produces consistent results and accurately records data that is critical to both validation and scale-up.

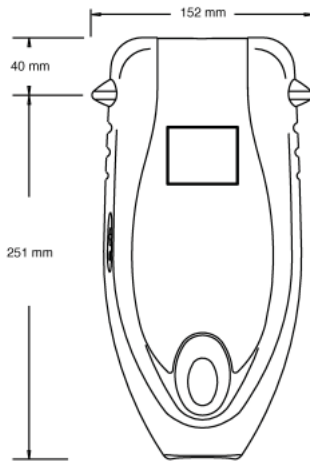


### NEW! MixWare 1.0 Computer Controlled Software

- Control software operates up to 32 mixers from one computer
- Simple computer connection
- 8 critical fluid mixing scale-up parameters recorded
- Validation data easily exported
- Temperature probe included
- All cables and connection hardware included
- [www.mixwaresupport.com](http://www.mixwaresupport.com)  
For FREE Upgrade from Mixer Connect

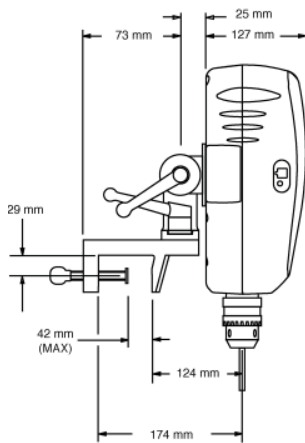
### An Exceptionally Versatile Mixing System

- Largest mixing capacities in the industry
- Reversible rotation for up- or down-pumping experiments
- Patented mixing impellers provide maximum efficiency
- Repeatable digital data entry via splash proof keypad
- Displays speed, power, torque, impeller flow and run time
- Dual adjustment clamp - repeatable mixer positioning
- Chemically resistant sanitary housing
- World-wide design, single phase 50 or 60 Hz



<b>LabMaster</b>					
<u>Model</u>	<u>Catalog No.</u> 115V/60HZ/1PH	<u>Catalog No.</u> 230V/50HZ/1PH	<u>Power</u> (W)	<u>Speed</u> (RPM)	<u>Volume</u> (L)
L1U10*	836275	836282	115	50-1800	200
L5U10	836276	836283	115	20-550	400
L1U10F*	836277	836284	115	50-1800	200
L5U10F	836278	836285	115	20-550	400

F-Computer controlled      \* Through shaft      All shafts are 610 mm long as standard



<b>LabMaster Impellers Included</b>								
<u>Model Number</u>	<u>A310 Dia.</u> (mm) (inches)		<u>A100 Dia.</u> (mm) (inches)		<u>R100 Dia.</u> (mm) (inches)		<u>A320 Dia.</u> (mm) (inches)	
L1U10 & L1U10F	86	3.4	69	2.7	51	2.0	--	--
L5U10 & L5U10F	--	--	79	3.1	51	2.0	127	5.0



## Worldwide commitment: International certification

These products are CE marked for the European Community, UL listed for the USA, CSA certified for Canada and T marked for Japan. In addition, they are ETL listed and certified for many other countries.

## Call the LIGHTNIN experts

For more information about the LabMaster or to discuss your application, contact your local LIGHTNIN Sales Representative. Or visit our website at [www.spxpe.com](http://www.spxpe.com). Or call 1-888-649-2378 (888-MIX-BEST) (U.S. and Canada) OR +1 (585) 527-5550 (worldwide).

## **SPX** Process Equipment

For more information about our worldwide locations, approvals, certifications, and local representatives, please visit our web site.  
**Web Site:** [www.spxprocessequipment.com](http://www.spxprocessequipment.com) • **E-Mail:** [lightnin@processequipment.spx.com](mailto:lightnin@processequipment.spx.com)

135 Mt. Read Blvd., Rochester, NY 14611 Telephone: (888) 649-2378 (888-MIX-BEST), (U.S. and Canada) or +1 (585) 436-5550 (Worldwide)

SPX Process Equipment reserves the right to incorporate our latest design and material changes without notice or obligation.

Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Certified drawings are available upon request.

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