

## 9 LabMaster FEATURES

- RS–232 port permits recording data and remote computer operation.
- Speed Display: 50–1800 rpm for direct drive; 20–550 for gear drive
- Process Watts and Torque Display
- Timer Display (counts up or down).
- Flow readout (L/min or GPM) for seven different impellers
- Standard Temperature Probe –Readouts in °F or °C.
- Thru-Shaft Design for infinitely variable impeller position.
- Calibration for process watts and temperature measurement.
- User-defined acceleration/deceleration rates with optional software package (default set by factory).
- Overload indicator and alarm
- Chemically Resistant Housing
- Universal Mounting Clamp (use with ring stand or tank rim).
- Tactile and audible feedback, sealed membrane control panel
- Fuse protection for severe overload
- Minor overload protection via automatic speed level control
- 75 Watts (1/10 hp), 115 or 230 volts, 50/60 Hz

## SPECIFICATIONS

MODEL	L1U10(F) 115V	L1U10(F) 230V	L5U10(F) 115V	L5U10(F) 230V
INPUT VOLTAGE +/- 15%	115 VOLTS	230 VOLTS	115 VOLTS	230 VOLTS
INPUT CURRENT AMPS AC	2 AMPS	2 AMPS	2 AMPS	2 AMPS
INPUT FREQUENCY Hz +/-5%	50 / 60	50 / 60	50 / 60	50 / 60
SPEED RANGE RPM	50 TO 1800	50 TO 1800	20 TO 550	20 TO 550
SPEED REGULATION	+/- 5 RPM <i>PLUS (+)</i> +/- 0.5% OF SET SPEED	+/- 5 RPM <i>PLUS (+)</i> +/- 0.5% OF SET SPEED	+/- 5 RPM <i>PLUS (+)</i> +/- 0.5% OF SET SPEED	+/- 5 RPM <i>PLUS (+)</i> +/- 0.5% OF SET SPEED
TIMER ACCURACY	+/- 2% OF SET TIME	+/- 2% OF SET TIME	+/- 2% OF SET TIME	+/- 2% OF SET TIME
MAX TORQUE	68 IN-OZ	68 IN-OZ	225 IN-OZ	225 IN-OZ
POWER PEAK AT MAX RPM FOR 30 MINUTES	75 WATTS	75 WATTS	75 WATTS	75 WATTS
CONTINUOUS POWER AT MAX RPM	40 WATTS	40 WATTS	40 WATTS	40 WATTS
CURRENT AT RATED TORQUE +/- 15%	1.2 AMPS	1.2 AMPS	1.2 AMPS	1.2 AMPS
CURRENT LIMIT +/- 15%	1.4 AMPS	1.4 AMPS	1.4 AMPS	1.4 AMPS
CURRENT TRIP +/- 15%	1.7 AMPS	1.7 AMPS	1.7 AMPS	1.7 AMPS
FUSES 5 X 20 mm FAST ACTING 250V	3.15 A 250T3,15	2.5 A 250T2,5	3.15 A 250T3,15	2.5 A 250T2,5
INTERNAL TEMP TRIP POINT +/- 5% DEG. C	60 DEG. C	60 DEG. C	58 DEG. C	58 DEG. C
DERATING ABOVE 25 DEG. C	1.5 WATTS PER DEG. C	1.5 WATTS PER DEG. C	1.5 WATTS PER DEG. C	1.5 WATTS PER DEG. C