



VARIABLE SPEED TUBE ROCKERS

Operation Manual

Items# L-TTR150, L-TTR250, L-TTR450



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The UNICO Variable Speed Tube Rockers are heavy-duty, yet nearly silent rocker designed for years of everyday use. Smooth movement assures a gently mixed specimen while preserving the integrity of fragile blood cells. The Tube Rocker will also quickly get hematology controls ready to use for accurate results. The non-skid platform also accommodates larger, hard to mix tubes.

FEATURES

- Select from 32, 16 or 10 tubes models
- Designed for various tube sizes up to 16x120mm
- Variable speed 10-30RPM, for gentle mixing (± 2 rpm)
- Non-slip, reversible and autoclavable tube pad, silicon rubber
- Compact size uses minimal benchtop space
- One-year warranty, parts and labor

UNPACKING YOUR NEW UNICO TUBE ROCKER

Each Rocker has been packed with utmost care. Please take a moment to examine the carton for any visual damage. We recommend that you keep all the packing material until you have fully assembled, examined and tested your new rocker. If you note any damage, please contact the shipping company or your authorized distributor.

OPERATION

1. Turn the speed adjustment knob to 0rpm to stop the platform
2. Plug the Tube Rocker into a 110 Volt power source and turn the power switch ON
3. Place specimens on the non-slip silicon pad
4. Turn the speed adjustment knob to select the desired speed. Please note the speed below 10RPM is not accurately controllable.

SPECIFICATIONS

L-TTR150, L-TTR250 and L-TTR450 conforms to the following standards:

UL 61010-1: 2012 R4.16

CAN/CSA C22.2 No.61010-1-12+GI1+GI2

FCC Part 15 subpart B:2017; ICES-001:2006

Item	Parameter		
	L-TTR150	L-TTR250	L-TTR450
Tube Capacity (up to 15ml)	10	16	32
Voltage [VAC]	100-240	100-240	100-240
Frequency [Hz]	50/60	50/60	50/60
Power [W]	15	15	15
Inclining angle	30 \pm 3°	30 \pm 3°	40 \pm 3°
Load Capacity [lbs.]	2.2	2.2	2.2
Motor type	DC brushless	DC brushless	DC brushless
Speed range [rpm]	0-30	0-30	0-30
Operation mode	Continuous	Continuous	Continuous
Dimensions [inch]	11.6x6.2x4.7	15.9x6.2x4.7	15.9x6.2x6.2
Weight [lbs.]	4	4.5	4.9

CLEANING

Do not use strong solvents on plastic parts. A solution of weak bleach or other disinfectant solution can be used to clean and disinfect the tube pad. Do not immerse the unit in any fluid.

ELECTRICAL SHOCK HAZARD

Do not attempt to operate this instrument near water or liquid spill. Unplug the unit before cleaning or repairing. Periodically check the condition of the power cord for cuts or damage. Do not operate with a damaged cord.

BIOHAZARD

If a specimen breaks, a biological hazard may exist. Unplug the instrument. Clean using approved laboratory procedures. Always wear the proper protective clothing and gloves. Use a suitable disinfectant and dispose of the sample properly. Refer to the guidelines set forth by OSHA, CLIA, etc. Always use protective eyewear when operating.