

## KAHN RECIPROCATING SHAKER



### KEY FEATURES

**1. Reciprocating (to-and-fro) motion** — The machine uses a platform that moves back and forth (“strokes”) rather than circular or orbital motion, enabling uniform agitation of racks, bottles or flasks.

**2. Adjustable compartments / platform rods** — The top tray or platform has parallel and cross bars (rods) which are slotted or adjustable so you can secure Kahn racks, flasks, bottles of different sizes.

**3. Variable speed / stroke rate control** — Many models provide speed control for the strokes per minute, allowing you to set the appropriate agitation rate (e.g., 150-275 strokes/min).

**4. Robust build & material construction**

- The outer body is typically mild steel, powder-coated for durability.
- Some platforms or inner surfaces may be stainless steel (SS 304) for corrosion resistance.

**5. Power supply / motor specification** — Many models cater to 220-230 V AC 50 Hz (single phase) and are fitted with heavy duty motors (example: 0.25 HP) capable of the required stroke motion.

**6. Optional Timer / Digital Control** — Some machines include digital timer modules, or analog timers, giving timed agitation for set experiments.

**7. Application versatility** — Suitable for mixing / agitation in labs for flasks, bottles, beakers, Kahn racks – used across chemical, biological, pharmaceutical, and testing labs.

### AVAILABLE SIZES

| MODEL NO.     | Inner Size (WxDxH) |
|---------------|--------------------|
| PTE-KRS-111 A | 20"x13"x4"         |
| PTE-KRS-111 B | 31"x17"x4"         |
| PTE-KRS-111 C | 36"x18"x4"         |

**Note: Different Sizes and Customization are also available**