

# Digital Hand Motion Shaker



## Product Description

1. The shaking speed can be controlled within the range of 30 to 600 rpm, and the inclination angle is optional: 3°, 6°, 9°, 10°, 12°.
2. Can accommodate 8 or 16 standard volumetric flasks or 500ml flasks, suitable for reagent bottles, test tubes, wide-mouth bottles, narrow-mouth bottles, distillation flasks, separating funnels, straight-neck bottles, etc.
3. Equipped with leakage current and overcurrent protection system to ensure operator safety.
4. The sealed ball bearing transmission requires no lubrication.
5. The main body and arm bracket are made of 304 high-quality stainless steel brushed plates.
6. The arms made of 304 material are fixed in place with screws

and can hold containers with a diameter of up to 80mm, with a maximum load of 6kg per side.

7. Suitable working environment: temperature 4 to 40°C, humidity 20% to 80%, non-condensing operation conditions make the wrist shaker usable in incubators, environmental test chambers, and refrigerators.

### **Technical Parameters**

1. Shaking frequency: 50-600 rpm
2. Shaking capacity: 12×500ml or 8×1000ml
3. Maximum load per side: 6kg
4. Standard accessories: main unit, arm bracket, bottle clamp
5. Timer: 0-999.99 minutes, can run continuously

**Control Method:** P.I.D microcomputer environment scanning microprocessor control

**Display Method:** 5-inch high-definition LCD touch screen

**Programming Control:** 30-segment user-programmable settings

**Safety Protection:** Automatic operation, automatic stop, timed operation, clock display, power recovery, parameter memory, speed storage

**Shaking Mode:** Angular shaking

**Inclination Angle:** 3°, 6°, 9°, 10°, 12° (optional)

**Rotating Frequency:** 50-600 rpm

**Rotation Precision:**  $\pm 1$  rpm

**Net Weight:** 50kg

**Main Unit Dimensions:** 360×410×310 mm

**Overall Dimensions:** 970×410×310 mm

**Power:** 400W

**Motor:** Servo motor

**Power Supply:** AC 200-240V 50-60Hz ( or AC 110V, 50-60Hz )

**Material:** Main unit made of 304 stainless steel, cast base