

# ORBITAL INCUBATOR SHAKER-MARATHON



Cooling Shaker



Fully SS Cooling Shaker



Cooling Shaker-Touch Screen



Stackable Cooling Shaker

# ORBITAL REFRIGERATED SHAKER-*MARATHON series*

## TECHNICAL SPECIFICATION

- Orbital Speed: 25-300/400 rpm Resolution of +/-1rpm
- Platform/tray Size: 450 x 450 mm
- Perforated Two adjustable SS static tray of 450x450mm. Double deck.
- Drive: Triple-eccentric counter balanced drive with throw dia(amplitude) 25mm
- Display: LED OR LCD **Touch Screen** color graphical Display for Speed, Temp & TimerMotor Power: 24V DC 60W high torque **BLDC motor**-No electric shock like AC motor
- Soft start/soft stop of speed to avoid shear force and spillage
- **Program memory, USB interface with Pen drive data storage** . **Pass word protected**
- safety alarm for door open, temp/speed over limit Acceleration/deceleration of motor speed
- **Trend graph** of temp, speed Vs time and **data table** to continuous recording displays the values
- Temperature Range: 4deg C to 80deg C subject to ambient @25deg c. PID control technology
- Temperature fluctuation 0.1deg C at 37deg C & temp resolution +/-0.1deg C
- CFC/HCFC free environmental friendly refrigerant used
- Timed Range 1min-999h 59min or Continuous mode selector Switch
- Inner SS 304 Grade Chamber & Outer MS powder coated, Door with Glass viewing window
- Universal platform can handle various sizes of conical flasks
- Equipment exterior is made of Mild Steel
- Power supply 220v,50Hz single phase AC . Power socket inside the chamber
- Safety deviation alarm for high temp and rpm & over temperature protection
- Clamps Provided: 100ml-5Nos, 250ml-10Nos, 500 ml- 5Nos, 1000 ml: 2Nos, MOC SS or unique spring steel and clamps does not required to tie with spring to hold flask tightly. Our clamps itself have spring action
- Maximum capacity 100ml-36Nos, 250 ml: 25Nos, 500 ml-16 Nos; 1000 ml: 9Nos
- Rigid solid legs fixed to avoid vibration
- Larger viewing window of 15x10cm
- other accessories required for complete working configuration
- Installation and demonstration Free
- 1KVA Servo Stabilizer
- CE marked controllers & manufactures as per standard
- Warranty: ONE YEAR OR AS PER USER NEED with nominal additional cost

LARK INNOVATIVE FINE TEKNOLEGE

7,KUBERAGANAPATHY STREET, PADI

CHENNAI-600050 PH: 044 26243912

MOB: 9840082030 EMAIL: [larkinnovative@yahoo.com](mailto:larkinnovative@yahoo.com)