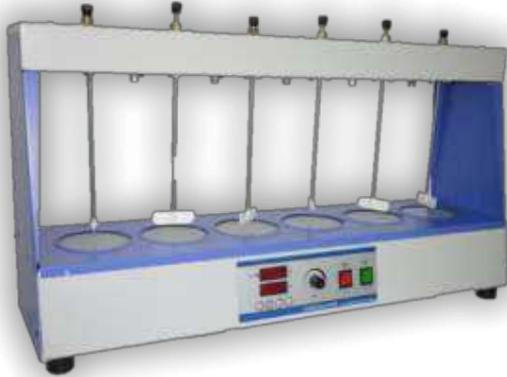


FLOCCULATOR (JAR TEST APPARATUS)



KEY FEATURES

1. Multiple Stirring Stations

- Usually 4 to 6 beakers (jars), each with individual paddles.
- Allows simultaneous testing of different coagulant doses or conditions.

2. Variable Speed Control

- Adjustable stirring speed (20–200 RPM).
- Enables simulation of rapid mixing for coagulation and slow mixing for flocculation stages.

3. Digital Timer & RPM

- Programmable mixing time for each stage (e.g., 1 minute of rapid mixing, 20 minutes of slow mixing).
- Ensures consistent and repeatable test conditions.
- Digital timer

4. Illumination System

- Backlight or bottom illumination to clearly observe floc formation and settling LED Lighting

5. Sturdy Construction

- Made from stainless steel or powder-coated metal for durability and corrosion resistance.
- Stable base to prevent vibration during operation
- 1-2 Ltr Jars often made of glass or acrylic for easy observation.

TECHNICAL SPECIFICATIONS

Parameter	Specification
PTE-JAR-304 A	2 Jar
PTE-JAR-304 B	4 Jar
PTE-JAR-304 C	6 Jar
Dimensions	1000 × 200 × 500 mm (for 6-jar model)
Stirring Speed Range	20 to 200 RPM (Variable, Digital Control)
Speed Display	Digital RPM Indicator
Timer Range	0 to 9999 minutes with Auto Stop
Illumination	LED / Fluorescent Tube Backlight
Paddle Material	Stainless Steel (SS-304)
Paddle Dimensions	25 mm × 75 mm (Adjustable Height)
Beaker Capacity	1 L or 2 L (Borosilicate)
Motor Type	DC Brushless Motor
Construction Material	Powder-Coated Mild Steel or SS-304
Power Supply	230 V ±10%, 50 Hz, Single Phase

