

# Flocculation Jar Tester LFC-A1 Series



Flocculation Jar Tester LFC-A10 is designed to stimulate the process of adding reagents, precipitation, coagulation reaction which occurs in water testing procedures. Features portable, 2 round shaped beakers, each with 1.0 L capacity. With 10 to 1000 rpm speed, this flocculation jar tester conducts synchronous as well as independent running operations. It is used to carry out the jar test during water treatment procedure.

Flocculation Jar Tester LFC-A11 is designed to stimulate the process of adding reagents, precipitation, coagulation reaction which occurs in water testing procedures. Features portable, 4 round shaped beakers, each with 0.6 L capacity. With 10 to 1000 rpm speed, this flocculation jar tester conducts synchronous as well as independent running operations. It is used to carry out the jar test during water treatment procedure.

Flocculation Jar Tester LFC-A12 is designed to stimulate the process of adding reagents, precipitation, coagulation reaction which occurs in water testing procedures. Features desktop, 6 round shaped or square shaped beakers, each with 1.0 L and 1.5 L capacity respectively. With 10 to 1000 rpm speed, this flocculation jar tester conducts synchronous as well as independent running operations. It is used to carry out the jar test during water treatment procedure.

### Features

- 10 to 1000 rpm speed range with increment of 1 rpm
- 2 beakers, portable (LFC-A10), 4 beakers, portable (LFC-A11), 6 beakers, desktop (LFC-A12)
- LCD display to monitor the test parameters
- Automatic agent dosing and elevating
- Automatic calculation of G and GT values (speed gradient)
- Stores up to 12 groups of programs
- Synchronous as well as independent running
- User-friendly operations
- Complied with ISO 9001 Standard

## Applications

Used to study and analyze precipitation, coagulation and other reactions occurring upon addition of reagents etc. across water testing plants, water purification plants, drinking water testing plants, waste water treatment plant etc.

## Specifications

Model no.	LFC-A10	LFC-A11	LFC-A12
Type	2 beakers, portable	4 beakers, portable	6 beakers, desktop
Acrylic round beaker Capacity	1.0 L	0.6 L	1.0 L
Acrylic round beaker Dimension	110 mm diameter, 180 mm height	95 mm diameter, 130 mm height	110 mm diameter, 180 mm height
Acrylic square beaker Capacity	–		1.5 L
Acrylic square beaker Dimension	–		110×110×170 mm
Speed range	10 to 1000 rpm, 1 rpm increment		
Speed accuracy	± 0.5%,		
Speed gradient	10 to 1000/ s (just for round beaker)		
Running time	Each step 0 to 99 mins, 10 steps each program		
Temperature range	0 to 50°C		
Temperature accuracy	± 1°C		
Power	40 W	80 W	180 W
Power supply	AC 110/220 V ± 5%, 50/60 Hz		

## Flocculation Jar Tester LFC-A1 Series

External dimension (W×D×H)	540×330×170 mm (including carrying case)	550×390×210 mm (including carrying case)	1080×350×400 mm
Packaging dimension (W×D×H)	560×470×250 mm	610×450×270 mm	950×480×530 mm
Net weight	7.2 kg (including carrying case)	9.5 kg (including carrying case)	30 kg
Gross weight	8.5 kg	11 kg	33 kg
HS Code	8479820090		