

# VIBRATIONLESS VIBROSHAKER

## Model- SM 111



Lloyds introduces for the first time in the world vibration less vibroshaker, used for testing of pigments, paints, inks and textile pastes. The most advanced technology replaces all the drawback of the conventional vibroshaker technology with enhanced speed of test, repeatability and comparative test for high confidence on the product quality. It can easily perform specified test to meet the standards with no loss of material under test. Particle size reduction is more and faster than ball mill or jar mill.



### Specification

- ◆ Oscillations 16mm reciprocation in X-axis, and 30° tilting in Y-axis.
- ◆ Oscillation Speed 700 spm (shakes / min)

### Vibration less technology

The Unique high tech state-of-art Mechanical Gear Box Design for simultaneous reciprocation and radial tilting in equal and opposite direction on both sides to nullify vibrating forces on machine body, therefore all the energy wasted in vibration of the machine body (in conventional machines) is totally transferred to actual samples in test run with perfect colliding harmony of grinding media for accurate, faster, effective and reproducible evaluation of Colour Strength, Colour Matching, Tint Tone, Tint Strength, Particle Texture, Particle Hardness and Dispersability.

### Features

- Vibration-less technology.
- Fast, accurate and 100 % reproducible results.
- No spring mounted base or foundation required.
- Failsafe electronic design for high productivity with inbuilt digital programmable set and trip timer to conduct the test upto 99.9 minutes.
- Heavy duty and continuous rating operation.
- State-of-art design gearbox with opposite direction movement to nullify vibrating forces.
- Variety of options for the quantity of test sample.
- Minimum maintenance.

### Accessories available for 92-NM

- ◆ Standard machine is supplied with 8 nos of 125 ml stainless steel canisters and its canisters holders.
- ◆ Variety of interchangeable canisters and canisters holders for following volume is also available as extra optional accessories. 250 ml, 500 ml and 1000 ml in set of 8 pcs.
- ◆ Electrical 440 V / 3 phase /1000 Watts

### Container Options

Options	125 ml	250 ml	500 ml	1000 ml
1	4L + 4R			
2		4L + 4R		
3			4L + 4R	
4				2L + 2R
5	2L + 2R	2L + 2R		
6	2L + 2R		2L + 2R	
7		2L + 2R	2L + 2R	
8	2L + 2R			2L + 2R
9		2L + 2R		2L + 2R
10			2L + 2R	2L + 2R

e.g.: 4L + 4R where 4L indicates 4 canister on left arm and 4R indicates 4 canister on right arm.

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