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## **Product Name :** Universal Vibration Apparatus L

## Product Code : ENGLABINGCAG1160000



## **Description :**

Universal Vibration Apparatus Lab

## **Technical Specification :**

Dynamicbehaviour of a ship structure Simple shipform simplifies the mathematical approach Differentexcitation signals possible Optionalexcitation and measuring points

Specification:

Vibrationbehaviour of a model ship in air and in water Ship Model mountedon springs; vibration excitation and acceleration measurement at any point Frame withheight-adjustable cross-member for attaching the model High naturalfrequency of the cross-member owing to enclosed box cross-section with highrigidity and low weight Plastic modelship with elliptical lines plan and 9 ribs Capacitiveacceleration sensor with measuring amplifier, freely positionable Vibrationexciter with power amplifier and function generator: sinusoidal, triangular orrectangular signal Technicaldata:

Vibrationexciter: Electrodynamictype with permanent magnet Max. force:8,9N Frequencyrange: 5…12000Hz Functiongenerator: Adjustablefrequency, amplitude and offset Output:0…10∨ss, 50 Ohm

Accelerationsensor: Measuringrange: ±5g Frequencyrange: 0â€!400Hz



**Engineering Lab Equipment India**