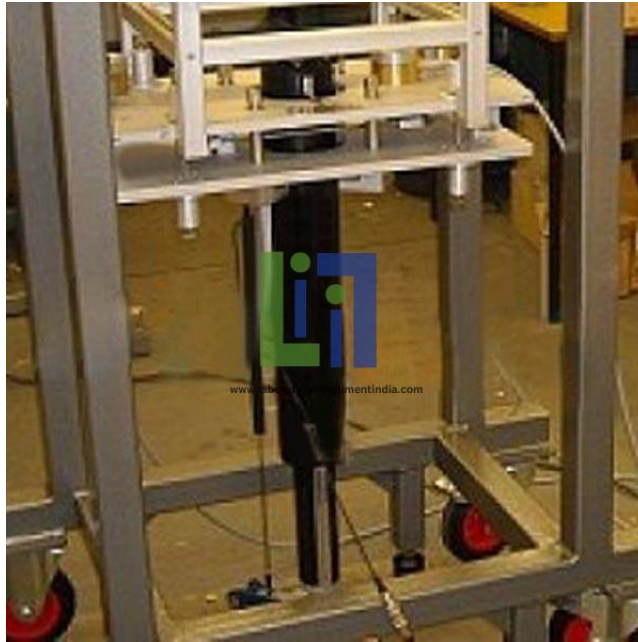




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Ship And Yacht Model Balance

**Product Code :**  
LBNY-0005-1970003



**Description :**

The balance is then connected to the model via a light weight carbon fiber composite free heave towing post, that has height adjustment as well as being free to heave, fitted with a linear transducer for the measurement of heave. The balance can be used in both a circulating water channel or suspended from a small towing carriage and can be used in both smooth water tests and tests in waves. The Dynamometer utilises three of our K&R exchangeable load cells in a 3 component world balance arrangement for measurement of Resistance (Fx), Side Forces (Fy) and Yaw Moment (Mz).

**Technical Specification :**

Mz (Yaw Moment) 30Nm  
Mx (Roll/Heel Moment) 30Nm  
Fx (Resistance)  $\pm 125$ N  
Trim/Pitch Angle  $\pm 15^\circ$   
Heel/Roll Angle  $\pm 15^\circ$   
Fy (Sway Force Fy1 + Fy2) 125N  
Heave Range 500mm ( $\pm 250$ mm).



**Laboratory Instrument India**

