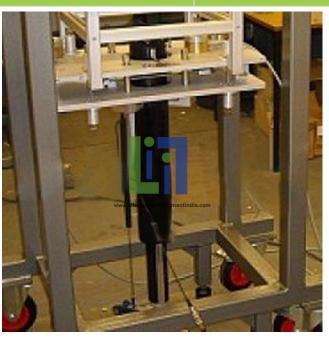


Email: sales@laboratoryinstrumentindia.com

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)±125N Trim/Pitch Angle +/- 15° Heel/Roll Angle +/- 15°. Fy (Sway Force Fy1 + Fy2)125N Heave Range 500mm (+/- 250mm).



## **Laboratory Instrument India**