



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) ± 125 N
Trim/Pitch Angle $\pm 15^\circ$
Heel/Roll Angle $\pm 15^\circ$
Fy (Sway Force Fy1 + Fy2) 125N
Heave Range 500mm (± 250 mm).



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