

Product Name :
Impact of Jet On Vanes Apparatus**Product Code :**
NMCBS11154**Description :**

Impact of Jet On Vanes Apparatus The setup is designed to study the force developed by a jet of water on different surfaces and to compare it with momentum theory. Set up consists of visible test enclosure, supply tank, measuring tank and pump for closed loop water circulation. The visible test section houses one nozzle fitted in vertical upward direction to target the jet of water opposite an interchangeable test surface (either flat plate or a hemispherical cup) which in turn is connected to a spring loaded stem. The lift of stem and weight added to the pan on other side gives the calculation of corresponding force. The flow rate of water is measured using measuring tank and stop watch provided. Experiments To study the force developed by impact of jet on different surfaces Utilities Required Electric supply 0.5 kW, 220V AC, Single Phase Water supply Tap water connection " BSP Distilled water @ 60 liters (optional) Floor Area with Drain facility Impact of Jet On Vanes Apparatus, Heat And Refrigeration System Exporters, Heat And Refrigeration System Manufacturers

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