

IMPACT OF JET

MODEL: FM11C



FEATURES

- Compact, comprehensive, sturdy design
- Fully re-circulating type

DESCRIPTION

This is stand-alone, re-circulating type equipment. This equipment helps in study of effects occurring due to force exerted by a fluid jet on vanes of various shapes and hence evaluates the hydrodynamic force exerted.

INSTRUCTION MANUAL

Self-explanatory operating manuals are provided with each system. Detailed theory as well as practical exercises is also included in the manual

LIST OF EXPERIMENT

- Measurement of force on flat/hemispherical and/or conical vanes
- Comparison of change in momentum with force
- Effect of impact due to change in jet size If optional jets are purchased
- Effect of impact due to change in flow rate

COMPONENTS

- Impact of jet
- Jet nozzle
- Hemispherical Plate
- Flat Plate
- Set of weights
- Flow measuring arrangement Various options are available
- Centrifugal Pump
- Sump tank See model selection chart
- Structure

SERVICES REQUIRED

- Water
- Power supply

OPTIONAL ADDITIONAL

- PC Interface with software
- Extruded Aluminium structure
- Electronic Flow measuring arrangement
- Conical Plate
- Jet nozzle of different diameter

MODEL SELECTION CHART

- FM11C-A: Sump Tank: FRP, Measuring Tank: MOC: MS with FRP Lining
- FM11C-B: Sump Tank & Measuring Tank: MOC: MS
- FM11C-C: Sump Tank & Measuring Tank: MOC: SS

NiYo Engineers

Unit 1B, Devgiri Industrial Estate, S. No. 17/1B Plot No. 14,
Kothrud, Pune 411 029 INDIA, Tel-91 20 2546 5004, 2546 8051, 2546 7296 Telefax -
01 20 2546 8051



(1) Since research and development is an on-going activity, the specifications mentioned herein are subject to change without notice
(2) Photographs are indicative only