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Product name:	Product code:
Kaplan Turbine Test Rig with Adjustable Runner Blades	CMI-NP-1526



Description

Kaplan turbine test rig with adjustable runner blades, centrifugal supply pump and brake dynamometer, used to measure turbine output, efficiency and performance at different heads and flows.

Technical specification

Flow measurement	Venturi meter with manometer
Power supply	415 V AC, 3 phase

Standard Accessories

- Spring balances
- Experiment manual

The Kaplan Turbine Test Rig is a closed-circuit setup for studying an axial flow reaction turbine. Students vary the guide vanes and runner blade angle and measure head, flow, speed and torque to plot performance curves.

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Features

- Adjustable runner blade angle
- Guide vane mechanism
- Rope brake dynamometer
- Venturi or orifice flow meter
- Sump tank with supply pump

Technical Specifications

Turbine output	3 to 5 kW
Rated head	4 to 5 m
Runner	4 blade, adjustable
Supply pump	Mixed flow, 10 HP
Speed measurement	Digital tachometer