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Product Name :
Centrifugal Fan Demonstration Unit

Product Code :
LBNY-0005-103000266



Description :

Supplied with software providing full instructions for setting up, operating, calibrating and performing the teaching exercises. Facilities for logging, processing and displaying data graphically.
Capable of being linked to a PC (not supplied) via a USB interface console (an essential accessory), which does not require internal access to the computer. Also allows interfacing to other software packages.
Offers a complete teaching package of coursework and laboratory investigation, complete with a student questions and answers session.

Capabilities of Centrifugal Fan Demonstration Unit

Measurement of fan efficiency and estimation of impeller power efficiency
Measurement of constant-speed machine performance in terms of static total Measurement of performance at constant speeds
pressures, rotor speed and motor shaft power, as a function of inlet flow
Comparison of student calculations with computer results
Introduction to similarity laws for scale-up.

Technical Specification :

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Max Head: 0.7KPa
Max Flow Rate: 70 l/s typical
Motor Power rating 550W
Max fan speed 3000rpm.



Laboratory Instrument India