



Science Lab

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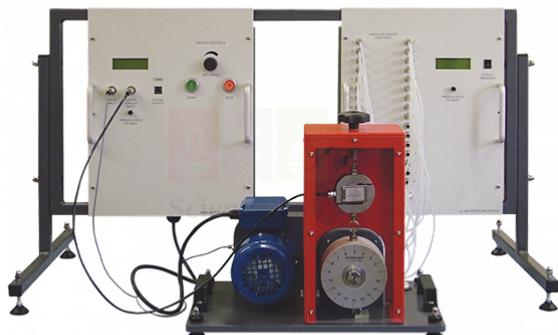
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Product Name :

Air Bearing Apparatus

Product Code :

SLE/ETM/01



Description :

- The main part has a variable speed motor that turns a belt drive.
- The belt drive turns a precision bearing shaft.
- A Motor Drive Module allows the user to vary the bearing speed.
- The bush has pressure tappings equally spaced around its circumference.
- The tappings connect to a multichannel digital pressure display unit.
- A speed sensor and the bearing bush load cell connect to the Motor Drive Module.
- This module displays the bearing speed and the load measured at the load cell.
- The shaft has a high-quality surface finish and spins inside a vertically loaded bush.
- A hand-operated load control and load cell allow the user to apply and measure the load on the bearing bush.
- Both the Motor Drive Module and the Pressure Display Module fit into an Instrument Frame that has extra space for the optional frame-mounted VDAS-F.

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