



THE LAB EQUIPMENT

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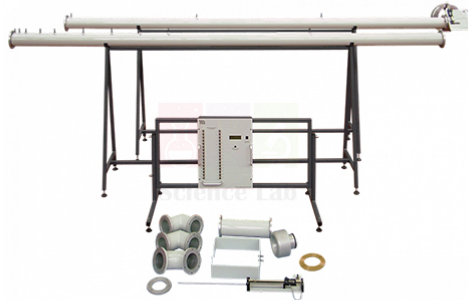
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Product Name :

Pipe Flow And Nozzle Kit

Product Code :

SLE/EFM/19



Description :

- This kit includes two long lengths of smooth-walled pipe with multiple pressure tapings and a Pitot traverse.
- The pipes connect to the inlet, so it becomes a suction fan for tests on the pipes.
- A Pitot traverse fits at the end of one long pipe to allow you to measure the velocity profile across a pipe and calculate the theoretical flow.
- The pipe tapings connect to a multiway pressure display.
- The multiple pressure tapings along the long pipes allow you to measure the pressure drop and therefore losses along them.
- A probe mounts in an assembly so that it moves axially through an additional nozzle to measure its axial pressure profile.
- This allows a comparison with the flow found from the nozzle and the orifice plate included with the kit.
- **The kit includes three different fittings:** two elbows and a bend, that each fit between the long pipes to test the pressure drop and therefore loss caused by the fitting.

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