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Product Name :
Pitot Static Traverse Plate

Product Code :
LBNY-0005-10200017



Description :

The plate fits in a location below the main accessory aperture and allows the velocity profile behind all of the optional heat exchangers to be investigated. Also supplied is an upstream pitot tube that can be traversed across the duct to investigate the upstream velocity profile. The Pitot Static Traverse Plate includes a sliding plate, and pitot tube with multiple locations designed to be traversed across the duct of the base unit.

Technical Specification :

The plate fits in a location below the main accessory aperture and allows the velocity profile behind all of the optional heat exchangers to be investigated.
The accessory includes a sliding plate, and pitot tube with multiple locations designed to be traversed across the duct of the base unit.
Total and static differential pressures are recorded by manometers secured to the base unit duct.
Also supplied is an upstream pitot tube that can be traversed across the duct to investigate the upstream velocity profile. Pre-fitted static pressure tappings allow local velocities to be determined.

Experimental Capabilities:

Pitot traverse to determine the velocity profile at various distances down stream of a heat exchanger.
Pitot traverse to determine the velocity profile upstream of a heat exchanger in cross flow.

Laboratory Instrument India

