

Experiment 1 - Introduction to Instrumentation and Data Acquisition

Data Sheet

Note: Please record the units of the quantities which are being measured. For example, when measuring voltage, if the voltmeter reads 4V, then write down 4V instead of just 4. The lab instructor's signature is required on this form prior to leaving.

Sampling Rate (f_s) : _____

Number of Samples (N): _____

Part I: Pitot Probe and Wall Pressure Tap

$P_T - P_{wall}$			
Dial Setting	Hand-held Manometer (mmH ₂ O)	Data Acquisition System (V)	Data Acquisition System (Pa)

Part II: Pitot-Static Probe

$P_T - P_\infty$			
Dial Setting	Hand-held Manometer (mmH ₂ O)	Data Acquisition System (V)	Data Acquisition System (Pa)

The student has performed the experiment satisfactorily and has cleaned the work area properly.

TA Signature

Date