

Concepts Covered in Pre/Post-Tests for 57:020

Lab2: Pipe Flow

1. Comparison between automated and manual data acquisition systems.
2. Measurement systems using pressure tap, Venturi meter and Pitot probe.
3. Automated data acquisition using Labview.
4. The importance of non-dimensionalization and comparison of results with benchmark data.
5. PIV image correlation parameters & PIV data reduction.