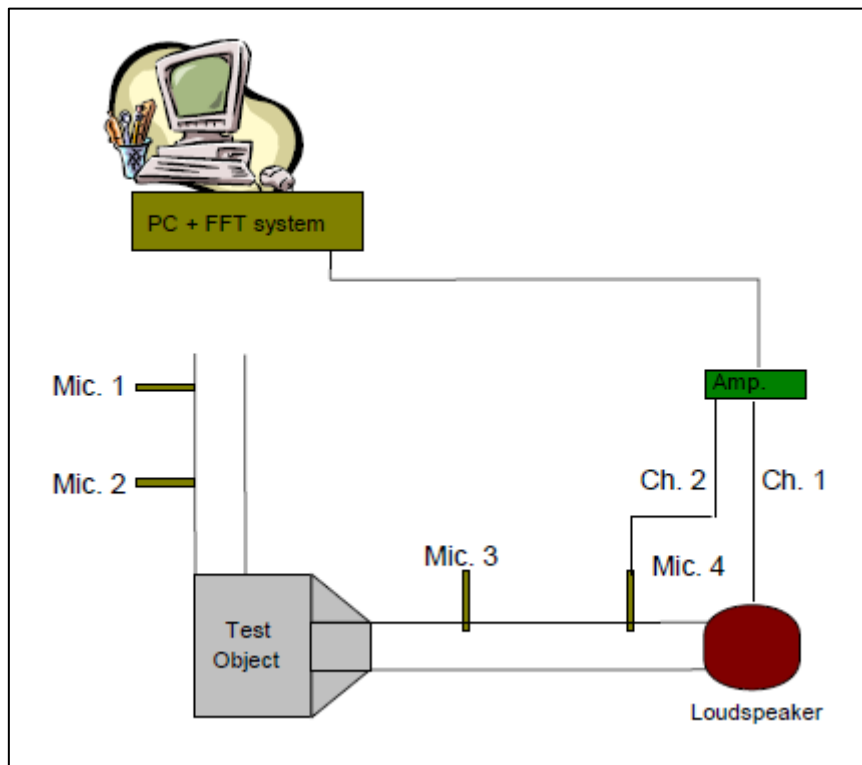


Measurement Information



- Frequency Range (Hz): 0 to 2000
- Distance between Microphones (m):
 - Mic 1 & 2: 0.42
 - Mic 3 & 4: 0.42
- Diameter of Pipes (m): Internal= 0.1; External: 0.11
- Density: ρ (kg/m³) = 1.2
- Temperature: T (C) = 20
- Distance between Microphone (Position 3) and Muffler: 0.375
- Distance between Microphone (Position 2) and Muffler: 0.375

Data Info:

- **File Names:** the .dat/.mat files have the following name format → ***MicrophoneNumber_EndType.dat or FRF_MicrophoneNumber_EndType.mat***
 - 1.) ***MicrophoneNumber*** has the pressure measured at Microphone Position 1,2,3 or 4 (based on the figure above):
 - 2.) ***EndType*** has two types:
 - a. 'Foam_End' = Absorption material attached at the termination for semianechoic termination (test case)
 - b. 'Rigid_End' = Hard Wall termination for complete reflection (test case)
- **.mat files Variables:**
 - 1.) **Variable Frek:** Frequency datapoints of measurement in Hertz

- 2.) **Variable Amp:** Amplitude of the FRF between the measured microphone signal and the reference signal.
- 3.) **Variable Phi:** Phase angle of the FRF between the measured microphone signal and the reference signal (in degrees).