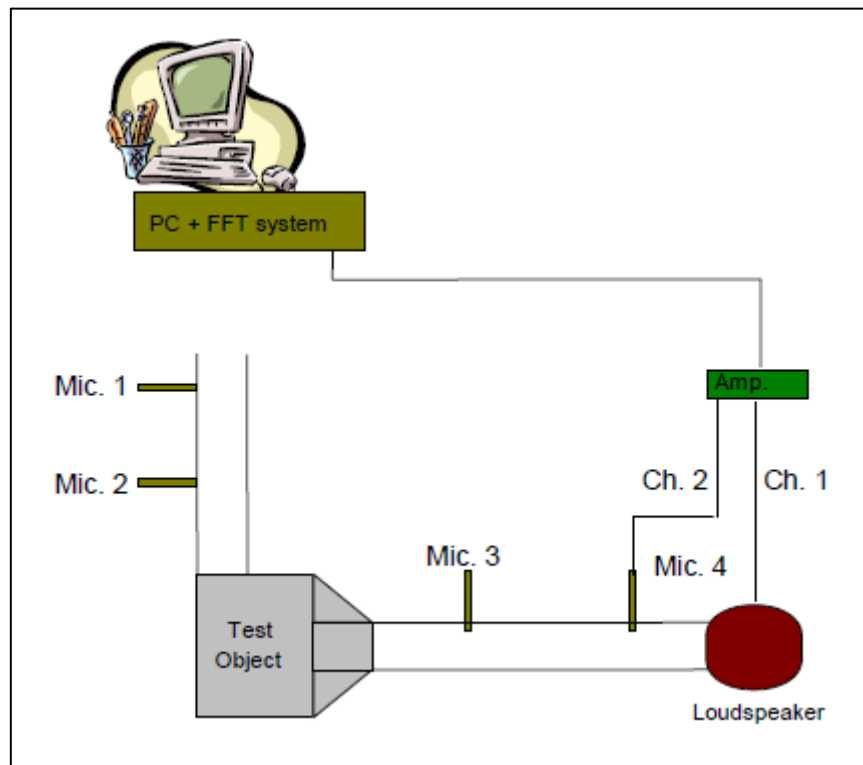


Measurement Information



- 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 .mat files have the following name format → **FRF_EndType_Sidlab_Input.mat**
 - 1.) **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 frekvec:** Frequency datapoints of measurement in Hertz
 - 2.) **Variable xfer:** Complex FRF between the measured microphone signal and the reference signal. Rows represent frequency points, and columns represent the 4 Microphone positions in the order 1,2,3 & 4.