

PRE-REGISTRATION FORM

Fill in the form as many times as tubes are used

1) Type of technique to be used in measurements:

Two microphones method

One microphone method

* When use two microphones method specify the procedure for correction by mismatch between microphones:

Measurement repeated with exchanged microphones

Calibration factor default with reference sample

2) Number of impedance tubes to be used:

* If you use more than one tube specify how results are given in the common to both tubes frequency range:

By averaging results

Separately

Other:

3) Impedance tube:

3.1) Of the tube material:

Metal

Wood

Others:

3.2) The cross-section shape:

Circular

Rectangular

Others:

3.3) Length: [m]

3.4) Diameter or maximum side length: [m]

3.5) Thickness: [m]

4) Working frequency range:

4.1) Lower working frequency: [Hz]

4.2) Higher working frequency: [Hz]

5) Microphone:

5.1) Type:

Pressure

In free field

5.2) Diameter: [m]

5.3) Distance between the two positions of the microphone (s): [m]

5.4) Distance between the sample and the farthest position of microphone (x_1): [m]

5.5) Microphone settings:

Fixed

Variables

6) Sample table:

Integrated in the tube

With the separate element tube

7) Excitation signal:

8) Graph and table of the measured values of the coefficient of absorption of the calibration sample.