

ISO 10534-1:1996-12 (E)

Acoustics - Determination of sound absorption coefficient and impedance in impedance tubes - Part 1: Method using standing wave ratio

Contents		Page
1	Scope	1
2	Normative references	1
3	Definitions	2
4	Principle	3
5	Fundamentals	3
6	Test equipment	5
7	Preliminary tests and measurements.....	10
8	Mounting of the test sample.....	10
9	Test methods	10
10	Transformation of reflection factor and impedance	11
11	Test report.....	12
Annexes		
A	Preliminary measurements	14
B	Verification of the test equipment.....	17
C	Pressure-release termination of test sample.....	19
D	Determination of diffuse sound absorption coefficient α_{st} of locally reacting absorbers	20