
**Methods for the calibration of
vibration and shock transducers —**

**Part 34:
Testing of sensitivity at fixed
temperatures**

*Méthodes pour l'étalonnage des transducteurs de vibrations et de
chocs —*

Partie 34: Essai de sensibilité à des températures fixes

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Uncertainty of measurement	2
5 Ambient conditions	3
6 Apparatus	3
7 Method 1: Determination of complex sensitivity using a laser interferometer	4
7.1 General.....	4
7.2 Method.....	5
7.2.1 Test procedure.....	5
7.2.2 Expression of results.....	5
8 Method 2: Determination of complex sensitivity using a reference transducer inside a temperature chamber	6
8.1 General.....	6
8.2 Method.....	6
8.2.1 Test procedure.....	6
8.2.2 Expression of results.....	7
9 Method 3: Determination of complex sensitivity using a reference transducer outside the temperature chamber	7
9.1 General.....	7
9.2 Method.....	8
9.2.1 Test procedure.....	8
9.2.2 Expression of results.....	9
10 Preferred amplitudes, frequencies and temperatures	9
11 Test report	10
Annex A (informative) Determination of the achieving time of setpoint temperature for a device under test	12
Annex B (informative) Evaluating uncertainty caused by temperature tolerance	14
Bibliography	16

Foreword

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This document was prepared by Technical Committee ISO/TC 108, *Mechanical vibration, shock and condition monitoring*.

This first edition of ISO 16063-34 cancels and replaces ISO 5347-17:1993, which has been technically revised. The main changes are as follows:

- a method for the determination of complex sensitivity using a laser interferometer has been added;
- a method for the determination of complex sensitivity using a reference transducer inside the temperature chamber has been added;
- a procedure for testing phase changes has been added;
- [Annex A](#) for the determination of the achievement time of the setpoint temperature for the device under test has been added;
- [Annex B](#) for the evaluating uncertainty caused by temperature tolerance has been added.

A list of all parts in the ISO 16063 series can be found on the ISO website.

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