

Brüel & Kjær CERTIFICATE OF CALIBRATION

REFERENCE STANDARD

This calibration is performed by comparison with Accelerometer Calibration Set Model 3506:

Serial Number: 1030407
Calibrated by: RH Due Date: 05 May 13
Cal Interval: 24 mo Trace Number 1-254698134-302

EXPANDED UNCERTAINTY

Reported values represent expanded uncertainties expressed at approximately 95% confidence level using a coverage factor of K=2

Parameter	Expanded Uncertainty
Reference Sensitivity	1.5%

Force Transducer Type 8203
Serial Number 2047396
Submitted by McGill University
527 Sherbrooke Street West
Montreal, QC H3A 1E3

As Received Condition: Within Acceptance Criteria
Final Condition: Within Acceptance Criteria

FINAL DATA

Reference Sensitivity at 160 Hertz: 3.20 mV/N
or 14.25 mV/Lbf
Excitation Level: 31.6 ms⁻² peak.

This force transducer has been calibrated using standards with values traceable to the National Institute of Standards and Technology.

The calibration of this force transducer was accomplished using a test system which conforms with the requirements of ISO/IEC 17025, ANSI/NCSL Z540-1, and the guidelines of ISO 10012-1.

This certificate shall not be reproduced, except in full, without the written approval of the Brüel and Kjær Calibration Laboratory-Norcross, GA.


The results of this calibration apply to the force transducer type and serial number identified above.

Items marked with an asterisk (*) are not covered by the current A2LA accreditation.

CONDITIONS OF TEST

Procedure Number: IH10115 06.09
Ambient Pressure: 985 mbar
Temperature: 23 °C
Relative Humidity: 34 %
Date of Calibration: 28 Mar 2012

Brüel and Kjær Calibration Laboratory
2815 Colonnades Court - Building A
Norcross, Georgia 30071-1588
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FAX 770/447-4033

Calibration Performed By William Shipman
Technician
Date Certificate Issued 28-Mar-12
Approved By 
Quality Representative

The Brüel and Kjær
North American Service
Center is also Certified to
ISO 9001:2008
KEMA ® Certificate
Number 710009-001

