



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

DENTON TECHNICAL CENTER

Troy, MI

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005*).

Presented this 10th day of October 2008.

A handwritten signature in black ink, appearing to read "Peter Abney", written over a horizontal line.

President
For the Accreditation Council
Certificate Number 2421.03
Valid to September 30, 2010



For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005
& ANSI/NCSL Z540-1-1994

DENTON TECHNICAL CENTER
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Troy, MI 48083
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CALIBRATION

Valid To: September 30, 2010

Certificate Number: 2421.03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations¹:

I. Mechanical

Parameter/Equipment	Range	Best Uncertainty ^{2,3} (\pm)	Comments
Rotary Displacement Transducer	+/- 75 degrees	0.2 % F.S.	DTC-CLP030
Linear Displacement Transducers	(0 to 72) mm	0.2 % F.S.	DTC-CLP031
IR-TRACC	(0 to 90) mm	1.0 % F.S.	DTC-CLP029
Chest Potentiometer Assemblies	(0 to 71) mm	0.8 % F.S.	SAE J2517: 2006

¹ This laboratory offers commercial calibration service.

² “Best Uncertainty” is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards of nearly ideal measuring equipment. Best uncertainties represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The best uncertainty of a specific calibration performed by the laboratory may be greater than the best uncertainty due to the behavior of the customer’s device, to the environment and to influences from the circumstances of the specific calibration.

³ The “Rounded %Full Scale” is chosen to be a conservative larger than the determined “Best Uncertainty”.