



Laboratory  
Accreditation  
Bureau

Certificate of Accreditation

ISO/IEC 17025:2005

Certificate Number L1147.03-1

Tri-Dimensional  
Rua Engenheiro Francisco Pitta Brito  
489 Santo Amaro  
São Paulo, S. P. 04753-080 Brazil

has met the requirements set forth in L-A-B's policies and procedures, and all requirements of ISO/IEC 17025:2005  
"General Requirements for the competence of Testing and Calibration Laboratories." 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 January 2009).

Accreditation valid through January 25, 2014

R. Douglas Leonard, Jr., Managing Director  
Laboratory Accreditation Bureau  
Presented the 24<sup>th</sup> of January 2011

\*Laboratory Accreditation Bureau is found to be in compliance with ISO/IEC 17011:2004 and recognized by ILAC (International Laboratory Accreditation Cooperation) and NACLA (National Cooperation for Laboratory Accreditation).

# Scope of Accreditation For Tri-Dimensional

Rua Engenheiro Francisco Pitta Brito  
489 Santo Amaro,  
São Paulo, S. P. 04753-080 Brazil  
Jonas Freí  
55-11-5643-7

In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Tri-Dimensional** to perform the following Calibrations:

Accreditation granted through: **January 25, 2014**

## Calibration

### Length – Dimensional Metrology – Hand Tools and Precision Gages 3D

Calibration Parameter/Equipment <sup>1</sup>	Range	Calibration and Measurement Capability(+/-) <sup>2</sup>	Remarks
Articulated Arm Coordinate Measurement Machine  Volumetric Performance <sup>3</sup> (Ball Bar)	(0 to 1.6) m	(3.9 + 5.9L) µm	Articulated Arm Coordinate Measuring Machines (AACMM) produced by FARO Technologies, Inc.
Effective Diameter	(3 to 25.4) mm	1.9 µm	
Single Point Articulation Performance	N/A <sup>4</sup>	1.6 µm	

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities.
- 2) Calibration and Measurement Capability represents expanded uncertainties at approximately a 95% confidence level using a coverage factor of k=2.
- 3) *L* = length in meters
- 4) Point measurements do not have a range.

Approved by:



R. Douglas Leonard  
Chief Technical Officer

Date: January 18, 2011

Re-Issued: 1/18/11