

Scope of Accreditation For Brechtbuhler Scales, Inc.

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In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Brechtbuhler Scales, Inc.** to perform the following **Calibrations**:

Accreditation granted through: **May 7, 2013**

Calibration

Mass – Scale and Balances

Calibration Parameter/Equipment ¹	Range	Calibration and Measurement Capability(+/-) ²	Remarks
Weighing Systems			ASTM E617 Class I Weights and NIST Handbook 44 utilized for the calibration of the weighing system
0.001 g resolution	0 g to 220 g	0.8 mg	ASTM E617 Class II Weights and NIST Handbook 44 utilized for the calibration of the weighing system
0.01 g resolution	0 g to 100 g	5.8 mg	
0.02 g resolution	0 g to 200 g	13.5 mg	
0.1 g resolution	0 kg to 1 kg	0.06 g	
0.001 lb resolution	0 lb to 1 lb	0.0006 lb	NIST 105 Class F Weights and NIST Handbook 44 utilized for the calibration of the weighing systems
0.1 g resolution	0 kg to 10 kg	0.06 g	
0.01 lb resolution	0 lb to 10 lb	0.006 lb	
0.1 lb resolution	0 lb to 1000 lb	0.08 lb	
0.5 lb resolution	0 lb to 5000 lb	0.4 lb	
1 lb resolution	0 lb to 10 000 lb	0.6 lb	
20 lb resolution	0 lb to 200 000 lb	16 lb	

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) Calibration and Measurement Capability represents expanded uncertainties at approximately a 95% confidence level using a coverage factor of k=2.

Approved by:  Date: April 21, 2010

R. Douglas Leonard
Chief Technical Officer