	TECHNICAL SUPPORT BULLETIN	Tech. Support Bulletin No. TTSB-0366
BRUKER	***Vertical Calibration on the DektakXT***	**Page 1 of 2**
		Products: DektakXT
Revision	**Description**	**Date**
A	Initial Release – Will Mueller	06/28/2011

Subject: Vertical Calibration on the DektakXT
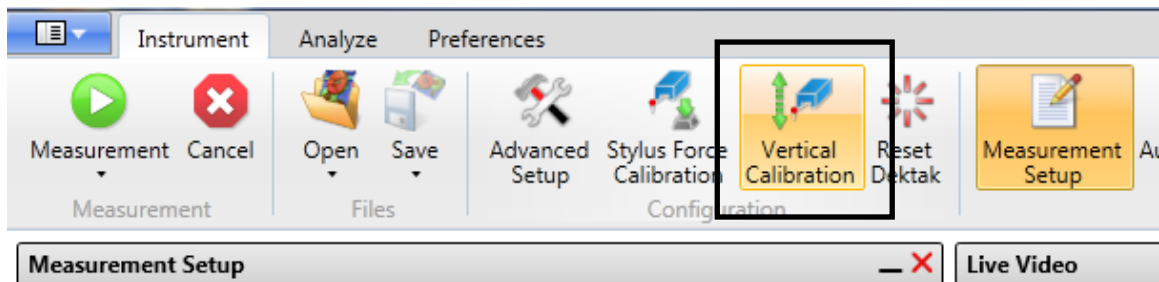
Systems Affected: DektakXT

Action Category: On Next Use

Summary: The Vertical Calibration on the DektakXT Has Been Simplified
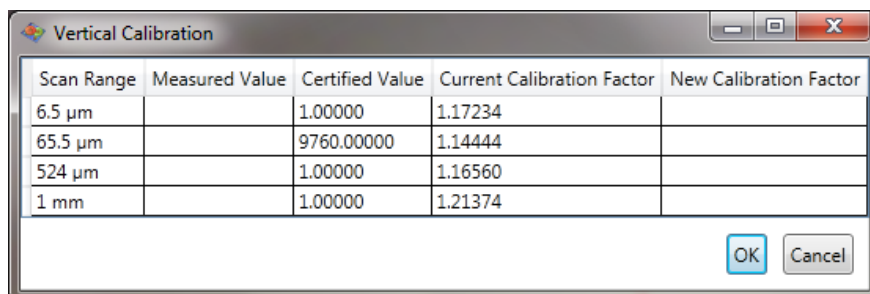
The vertical calibration on the DektakXT has been simplified. Now, you do not have to worry about clearing each range before starting – the software does that for you.

Procedure:

1. To start, select the "Vertical Calibration" icon in the "Configuration" section of the Instrument tab.
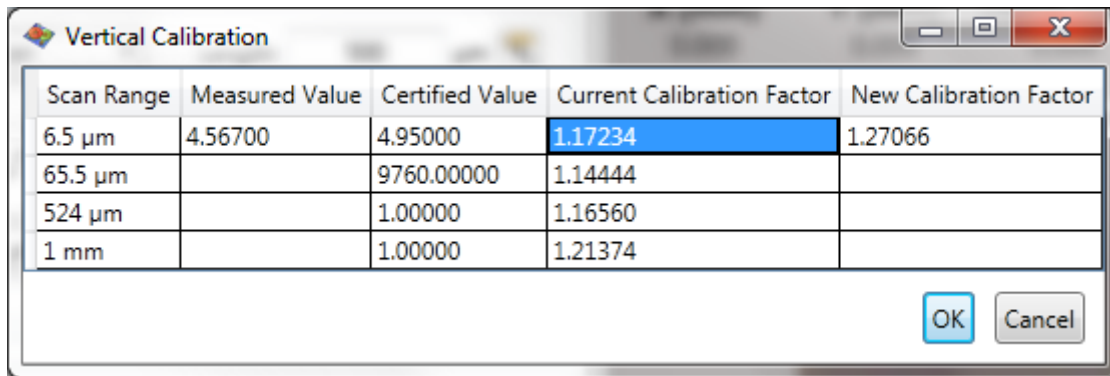

2. This window will appear.

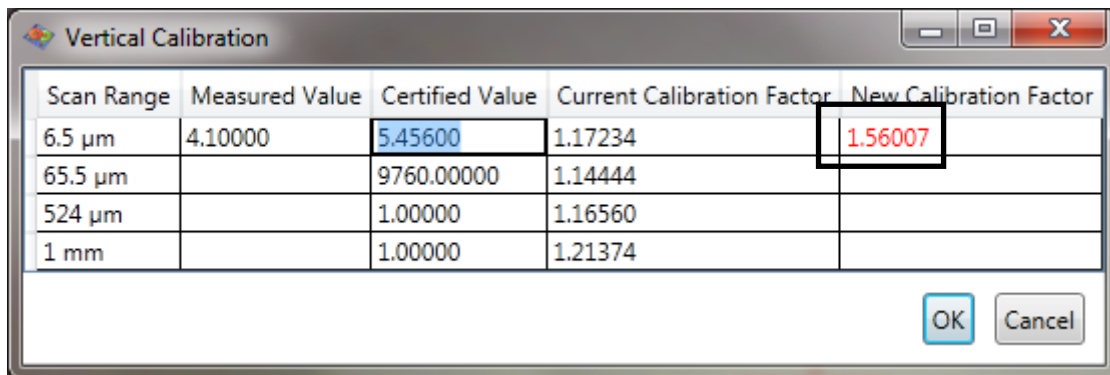| Revision	Description	Date
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3. As before, select a range, run your setup and calibration scans. Enter that data into the Vertical Calibration dialog box. (Shown here for the 6.5um range).

4. The "Current Calibration Factor" is what you started out with. The "New Calibration Factor" is the new one based on the data you just input. If this is the only range you are calibrating, click "OK."

Vertical Calibration

Scan Range	Measured Value	Certified Value	Current Calibration Factor	New Calibration Factor
6.5 µm	4.56700	4.95000	1.17234	1.27066
65.5 µm		9760.00000	1.14444	
524 µm		1.00000	1.16560	
1 mm		1.00000	1.21374	

OK Cancel

5. If something has gone amiss and you wind up with a very high "New Calibration Factor," the software will show you that in red. (The software will allow a "New Calibration factor up to 1.35).

Vertical Calibration

Scan Range	Measured Value	Certified Value	Current Calibration Factor	New Calibration Factor
6.5 µm	4.10000	5.45600	1.17234	1.56007
65.5 µm		9760.00000	1.14444	
524 µm		1.00000	1.16560	
1 mm		1.00000	1.21374	

OK Cancel