

# Inspection Certificate 3.1\*

Hans Schmidt & Co confirms that the measuring instrument, which is referred below, was manufactured according to our technical specifications. The corresponding calibration report is enclosed.

Object: Tension Meter

Model: DX2S-10K  
Serial No. 152-13521

Customer: XXX

Reference (Order No.): 1234

Date of calibration: 05.05.2020

Hans Schmidt & Co GmbH

Person in charge *T. Müller*  
T. Müller

Quality Manager (QA)  
R. Meier

We suggest a recalibration period of 1 year, depending on the usage of the instrument. The most favorable period between calibrations has to be defined by quality-assuring personal, corresponding to the operating time of the instrument.

\*For tension meters are no international standards available. Therefor we use the definition of quality checks and verification certificates as described in DIN EN 10204 section 3 to 6.

Abnahmeprüfzeugnis-E-01-04-2006

## Calibration Report

**Calibration:** According to SCHMIDT-Factory procedure No. 01

Model: DX2S-10K

Temperature: 24.5 °C

Standard unit       Customized

Measuring Range 2.5 - 10.0 daN

Serial Number: 152-13521

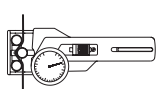


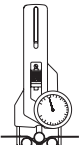
Reading in       cN       daN     

	Test Weight	Actual Reading		Test Weight	Actual Reading		Test Weight	Actual Reading
1.	2.5	2,5	7.	5.5	5,4	13.		
2.	3.0	3,1	8.	6.0	6,0	14.		
3.	3.5	3,5	9.	7.0	7,1	15.		
4.	4.0	4,0	10.	8.0	8,0	16.		
5.	4.5	4,5	11.	9.0	9,0	17.		
6.	5.0	5,1	12.	10.0	10,0	18.		

**Accuracy:** ± 1 % Full Scale or ± 1 graduation on scale

**Thickness compensator used:**       yes       no

**Calibration position:**

 <input checked="" type="checkbox"/> EA Standard: vertical material path	 <input type="checkbox"/> EB	 <input type="checkbox"/> EC	 <input type="checkbox"/> ED
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**Calibration material:**  Polyamid (PA) Monofil

Ø :     0.12 mm     0.20 mm     0.30 mm     0.50 mm     0.80 mm     1.00 mm     1.50 mm

Steel rope       1.50 (7 x 7 x 0.20) mm Ø

Special sample     Customer or     Schmidt: \_\_\_\_\_

**Verification:**  Instrument working properly, calibration is within the tolerance limits.

**Traceability of test weights:** Hooked weights, accuracy class M3, calibration in Newton at falling speed of 9,80735 m/s<sup>2</sup> (location Waldkraiburg).

**Calibration test of weights:**

Calibration of hooked weights:      Electronic balance, measuring tolerance to 4.8 kg ± 0.9 g, higher ± 5g  
 Calibration of balance with analytical weights: 500-g weight, class F1, calibration test report no. G8-603, calibration mark: D-K-19408-01-00  
 2-kg weight, class F1, calibration test report no. G8-601, calibration mark: D-K-19408-01-00  
 10-kg weight, class F1, calibration test report no. G8-602, calibration mark: D-K-19408-01-00

Calibrated date: 05.05.2020

Calibration Engineer: John Smith