

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: MZ1-1000
Serial No. 830-01590

Customer: XXX

Reference (Order No.): 1234

Date of calibration: 05.05.2020

Hans Schmidt & Co GmbH

Person in charge *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. Therefore we use the definition of quality checks and verification certificates as described in DIN EN 10204 section 3 to 6.

Calibration Report

Calibration: According to SCHMIDT-Factory procedure No. 04

Model: MZ1-1000

Serial Number: 830-01590

Standard unit Customized Measuring Range 0 - 1000 cN

Temperature: 22 °C

Output Voltage Sensor 0-1 V 0-10 V 4-20 mA

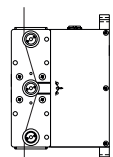
Test Weight in cN daN

Reading in mV V

	Test Weight	Actual Reading		Test Weight	Actual Reading
1.	50	<i>49</i>	5.	700	<i>701</i>
2.	100	<i>99</i>	6.	1000	<i>999</i>
3.	200	<i>201</i>	7.		
4.	500	<i>499</i>	8.		

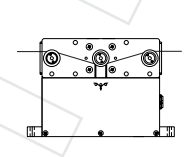
Accuracy: ± 1.5 % Full scale and ± 1 Digit
 other calibration material: ±3% full scale or better

Calibration Position:

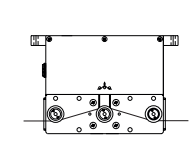


EA

Standard: vertical material path



EC



ED

Other material path

Calibration material: Polyamid (PA) Monofil

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

steelrope _____

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/s² (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