

# Inspection Certificate 3.1

in accordance with Euronorm DIN EN 10204, issue January 2005

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: *ETB-500*  
Serial No.: *400-01258*

Customer: *XXX*

Reference (Order No.): *1234*

Date of calibration: *18.09.2006*

**Hans Schmidt & Co GmbH**

Person in charge ..... *W. Pohl*  
**W. Pohl**

**Quality Manager (QA)**  
**K. Randelzhofer**

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.

## Calibration report

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Calibration: According to SCHMIDT-Factory procedure No. 03

Model: ETB-500

Temperature: 23 °C

Air Humidity: 42 % RH

Standard unit      Measuring Range 500 cN

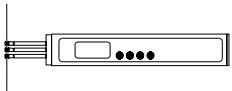
Serial Number: 400-01258

Reading in  cN       daN     

	Test Weight	Actual Reading
1.	50	51,4
2.	100	100,0
3.	150	152,6
4.	200	198,8
5.	250	251,7
6.	300	297,4

	Test Weight	Actual Reading
7.	350	347,9
8.	400	402,1
9.	450	451,0
10.	500	500,1
11.		
12.		

Accuracy: ± 1 % Full Scale and ± 1 Digit

Calibration position:  vertical material path

Calibration material:  0.20 mm Ø Polyamid (PA) Monofil

Dynamic Calibration::

ETB / ETX	Yarn speed (100 ± 5) m/min
ETBP / ETXP	Yarn speed (60 ± 5) m/min
ETM / ET2	Yarn speed (100 ± 5) m/min
ETMP / ET2P	Yarn speed (60 ± 5) m/min

Verification:  Calibration within the tolerance and instrument working properly.

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. 7038, calibration mark: DKD-K-11801 98-12
	2-kg weight, class F1, calibration test report no. 1500, calibration mark: DKD-K-11801 00-08
	10-kg weight, class F1, calibration test report no. 2761, calibration mark: DKD-K-11801 98-05

Calibrated date: 18.09.2006

Calibration Engineer: Anita Meisel