

Type of testing and measuring instrument	producer	machine / serial / model number	measuring range	validation / calibration measurand	(international) standard	class	validation / calibration information	operator w/ DAkkS accreditation
tensile test machine	INSTRON	type 4505 / h 2486	tensile force: 100 kN / 10 kN	force	DIN EN ISO 7500-1:2018	1	calibration date: 09.03.2020	service provider
			crosshead separation range: 100 mm / 10 mm	elongation (length)	DIN EN ISO 9513		calibration date: 07.04.2021	
tensile test machine data acquisition unit	INSTRON	Blue Hill 2	resolution: 10 ms refr. rate: 333 ms	time verification of data acquisition unit			calibration date: 31.10.2019	BAM 5.2
extensometer	HBM	28323	50 mm	elongation (length)	DIN EN ISO 9513	0.2	calibration date: 28.08.2020	BAM 5.2
		28324						
load cell measuring device (tensile force)		U 10.0C-HZ	100 kN	tensile force	DIN EN ISO 17025	(min) 1	calibration valid until: 24.11.2021	service provider
		U 1.00K-HZ	10 kN				calibration valid until: 31.08.2021	
		U 0.20G-HZ	1000 N				calibration valid until: 02.04.2021	
measurement amplifier (DMS)		DK38/35090	0.2 – 100 %				calibration valid until: 09.08.2022	service provider
extensometer measuring device		MT60K-B	100 mm	elongation	DIN EN ISO 17025		calibration valid until: 24.11.2021	service provider
			10 mm					
micrometer gauge	Orion		0 - 25 mm	test piece diameter	DIN EN ISO 863 I	0.1 mm	calibration date: 23.11.2020	service provider
							calibration date: 29.10.2021	
caliper	Orion	AK807114	0 - 150 mm	test piece diameter	DAkkS-DKD-R 4-3 sheet 9.1:2010		calibration date: 23.11.2020	service provider
							calibration date: 02.11.2021	