








KERN JĖGOS BANDYMŲ STENDAI

Pavadinimas	Modelis	Maksimali matavimo riba N	Padalos vertė N (Matavimo greitis mm/min)	Kaina Eur. (be PVM)	Kalibravimo galimybė
 <ul style="list-style-type: none"> •For vertical and horizontal use •Precise measurement results •High level of security with repeated measurements •Large base plate with various holes for fixture mountings •can be combined with all devicesCan be used for force gauges up to 500 N •Digital length meter <ul style="list-style-type: none"> - Measuring range: 230 mm - Readout: 0,01 mm - Zero setting possible - Pre-length can be set manually 	TVL	500	0,01	370.00	-
 <ul style="list-style-type: none"> •Provides quick and consistent testing •High level of security with repeated measurements •Provides maximum versatility and precise measuring results •Slide construction for distance measurement •Large base plate with various holes for fixture mountings •Maximum carriage height above base plate: 318 mm 	TVP	500	-	310.00	-

<ul style="list-style-type: none"> •Max travel with one stroke: 78 mm 					
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 <p>The SAUTER test stand TPE has been developed specifically for peel testing. Typically this involves pulling a bonded material layer from a base material</p> <ul style="list-style-type: none"> •Safe reliable operation due to the crank •The significant value in this process is the force required to pull away the top layer from bonded material •TPE has been designed such that the force measuring unit exerting the force simultaneously moves sideways and upwards. This means that a peel-off movement is produced, avoiding shear forces which could distort the result. •The test unit moves at an angle of 45° to the horizontal. The force-measurement device is fitted in an exact vertical position • Suitable for all force-measuring devices up to 500 N (not included) <p>Technical data</p> <ul style="list-style-type: none"> •Travel distance per knob rotation (one stroke): 3,1 mm •Maximum stripping length: 105 mm •Overall dimensions WxDxH 420x215x480 mm 	<p>TPE</p>	<p>-</p>	<p>-</p>	<p>630.00</p>	<p>-</p>

<ul style="list-style-type: none"> •Net weight approx. 22 kg 					
 <ul style="list-style-type: none"> •Easy to use •Efficient working •Robust design and heavy duty metal construction •Solid and flexible possibilities of fixation (see accessories page 21/22) •THM Foil Special for peel-off tests up to size DIN A4 •Maximum tensile and compressive force: 500 N (Standard) •Minimum distance between left and right object fastening: 30 mm •Maximum travel length: 250 mm (protected by electronic end switches) 	THM 500N500	500	(50-500)	2250.00	
 <ul style="list-style-type: none"> •Motorised test stand for tension and compression tests •Table-top design for comfortable operation •Robust design for durable use •Easy-to-access safety switch-off •Upper and lower end point, can be set individually •Automatic or manual operation mode •Large illustration: Can be used for force gauges up to 500 N 	TVO 500N300.	500	(15-300)	1650.00	-

	TVO 500N500S	500	(1-500)	3090.00	
	TVO 1000N500S	1000	(1-500)	3250.00	
	TVO 2000N500S	2000	(1-500)	4450.00	
<ul style="list-style-type: none"> • Motorised test stand for tension/compression force testing • New: Step motor for greatest ease of use <ul style="list-style-type: none"> - for constant speed from the smallest to the maximum load - allows testing at minimum speed and full load for higher positioning accuracy. Precise starting and stopping, without run-on, even at high speeds precise adjustment of the process speed using the information shown on the display • A wide range of application possibilities because of its large travel path • Automatic or manual process mode • Premium operating panel <p>Digital speed display</p> <p>Digital repeat function</p> <ul style="list-style-type: none"> - Control of the test stand using SAUTER AFH PC software • Table-top version for easy operation • Motorised test stand for tension/compression force testing • New: Step motor for greatest ease of use <ul style="list-style-type: none"> - for constant speed from the smallest to the maximum load - allows testing at minimum speed and full load for higher positioning accuracy. Precise starting and stopping, without run-on, even at high speeds precise adjustment of the process speed using the information shown on the display • A wide range of application possibilities because of its large travel path • Automatic or manual process mode • Premium operating panel <p>Digital speed display</p>					

<p>Digital repeat function</p> <ul style="list-style-type: none"> - Control of the test stand using SAUTER AFH PC software • Table-top version for easy operation  <p>Premium operation panel:</p> <ul style="list-style-type: none"> - Digital speed display - Digital repeat function display • Force controlled automatic switchoff (Teststop after achieving an adjusted limit load), only when used with force gauge SAUTER FH • Repeat function for durability tests (multiple up and down, adjustable) • Digital speed display: shows the displacement speed • Solid and flexible possibilities of fixation (see accessories) • Possibilities to attach force gauges (for SAUTER FH, FA, FK, FL): <ul style="list-style-type: none"> - Force gauges with internal sensor (up to 500 N capacity), only for SAUTER TVM 5000N230N, SAUTER TVM 10KN120N - Force gauges with external sensor (starting at 1,000 N capacity) • Large illustration with length measuring unit, force gauge and mount for test objects (not included) 					
	TVM 5000N230N.	5000	(10 - 230)	1910.00	
	TVM 5000N230NL.	5000	(10 - 230)	2050.00	
	TVM 10KN120N.	10000	(30 - 120)	2600.00	
	TVM 20KN120N.	20000	(30 - 120)	3390.00	
	TVM 30KN70N.	30000	(95 - 70)	4000.00	



- Motorised test stand for tension/compression force testing
 - Premium operating panel
- Digital speed display
Digital repeat function
- Control of the test stand using SAUTER AFH PC software
 - New: Step motor for greatest ease of use
 - for constant speed from the smallest to the maximum load
 - allows testing at minimum speed and full load for higher positioning accuracy. Precise starting and stopping, without overrun, even at high speeds
 - precise adjustment of the process speed using the information shown on the display
 - Maximum travel ensured by electronic end switch
 - Large working area by means of long guide columns as standard, which allows a wide range of fixing options
 - SAUTER LA length measuring device as standard, to read the measurement range with a readout of 0.01 mm
 - TVS test stand (large diagram) with SAUTER LA length measuring device, readout 0.01 mm. Force measuring device and mount for force measuring device and test object not supplied with the product
 - For force-displacement testing: Please order the optional SAUTER LB length measuring device as well as the AFH FD software with the product
- Technical data
- Process speed: 1 % of [Max]
 - Positioning accuracy when shutting down: $\pm 0,05$ mm
 - Initial height of the mounting plate from the upper edge of the motor housing: 171 mm
 - Maximum li# of the mounting plate: 385 mm

TVS 5000N240	5000	(1 – 240)	3550.00	
TVS 10KN100	10000	(1 – 100)	4450.00	
TVS 20KN100	20000	(1 – 100)	4650.00	
TVS 30KN80	30000	(1 – 80)	4950.00	
TVS 50KN80	50000	(1 – 80)	6550.00	



- Spring tester for tension and compression tests
- Integrated thermal printer
- Digital length measuring unit:
 - Manual zero adjustment possible
 - Pre-length can be set manually
 - Readout: 0,01 mm
- 10 memories to print out the results or to calculate average values
- Function to set limits: Input of an upper/lower limit value. A visual and acoustic signal supports the measuring operation
- Peak load display (peak hold)
- Selectable measuring units: kg, lbf, N
- Precision: 0,5 % of [Max]
- Stroke length: 100 mm
- Maximum test object length: 100 mm
- Overall dimensions WxDxH 300x235x620 mm

SD 50N100	50	0,01	1640.00	√
SD 00N100	100	0,02	1640.00	√
SD 200N100	200	0,05	1640.00	√
SD 300N100	300	0,1	1640.00	√
SD 500N100	500	0,1	1640.00	√