

Test stand for 90° peel tests with simple operation

Features

- **1** The SAUTER test stand TPE has been developed specifically for peel testing. Typically this involves pulling a bonded material layer from a base material (see diagram)
- Safe reliable operation due to the crank
- As a general rule the significant value in this process is the force required to pull away the top layer from bonded material
- The SAUTER 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
- **2** Suitable for all SAUTER force measuring devices up to 500 N (not included)

Technical data

- Travel distance per knob rotation (stroke per one turn): 3,1 mm
- Maximum stripping length: 105 mm
- Overall dimensions W×D×H 420×215×480 mm
- Net weight approx. 22 kg

































STANDARD



Model	
SAUTER	
TPE.	

1 ONLY WHILE STOCKS LAST!

Datasheet_TPE_V1

	Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.		Control outputs (optocoupler, digital I/O): to connect relays, signal lamps, valves, etc.		Mains adapter: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.
	Calibration block: standard for adjusting or correcting the measuring device.		Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements.		Power supply: Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.
	Peak hold function: capturing a peak value within a measuring process.		Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.		Motorised drive: The mechanical movement is carried out by a electric motor.
	Scan mode: continuous capture and display of measurements.		PC Software: to transfer the measurements from the device to a PC.		Motorised drive: The mechanical movement is carried out by a synchronous motor (stepper).
	Push and Pull: the measuring device can capture tension and compression forces.		Printer: a printer can be connected to the device to print out the measurements.		Fast-Move: the total length of travel can be covered by a single lever movement.
	Length measurement: captures the geometric dimensions of a test object or the movement during a test process.		GLP/ISO record keeping: of measurements with date, time and serial number. Only with SAUTER printers.		DAkkS calibration possible: The time required for DAkkS calibration is shown in days in the pictogram.
	Focus function: increases the measuring accuracy of a device within a defined measuring range.		Measuring units: Weighing units can be switched to e.g. non-metric at the touch of a key. Please refer to website for more details.		Factory calibration: The time required for factory calibration is specified in the pictogram.
	Internal memory: to save measurements in the device memory.		Measuring with tolerance range: Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.		Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.
	Data interface RS-232: bidirectional, for connection of printer and PC.		ZERO: Resets the display to "0".		Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
	Data interface USB: To connect the balance to a printer, PC or other peripheral devices.		Battery operation: Ready for battery operation. The battery type is specified for each device.		Warranty: The warranty period is shown in the pictogram.
	Data interface Infrared: To transfer data from the balance to a printer, PC or other peripheral devices.		Rechargeable battery pack: rechargeable set.		

Your SAUTER specialist dealer: