



Test stand for 90° peel tests with simple operation

Features

- III 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 sidewards 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

1 DAY	
Model	
SAUTER	
TDF	

ONLY WHILE STOCKS LAST!

STANDARD

Datasheet_TPE_V1

SAUTER Pictograms:



Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.



Calibration block:

standard for adjusting or correcting the measuring device.



Peak hold function: capturing a peak value within a measuring process.

continuous capture and display



of measurements.

Scan mode:



Push and Pull: the measuring device can capture tension and compression forces.



Length measurement: captures the geometric dimensions of

a test object or the movement during a test process.



Focus function:

increases the measuring accuracy of a device within a defined measuring range.



Internal memory: to save measurements in the device memory.



Data interface RS-232 bidirectional, for connection of printer and PC.



Data interface USB:

To connect the balance to a printer, PC or other peripheral devices.



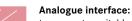
Data interface Infrared: To transfer data from the balance to a

printer, PC or other peripheral devices.



Control outputs

(optocoupler, digital I/O): to connect relays, signal lamps, valves, etc.



to connect a suitable peripheral device for ANALOG analogue processing of the measurements.



using the saved values, the device STATISTIC calculates statistical data, such as average value, standard deviation etc.



PC Software: to transfer the measurements from the device to a PC.



a printer can be connected to the PRINT device to print out the measurements.



GLP/ISO record keeping: of measurements with date, time and serial number. Only with SAUTER printers.



Measuring units:

Weighing units can be switched to UNIT e.g. non-metric at the touch of a key. Please refer to website for more details.

> Measuring with tolerance range: Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.



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TOL

7FRO. Resets the display to "0".



Battery operation: Ready for battery operation.

The battery type is specified for each device.



Rechargeable battery pack: rechargeable set.



Mains adapter:

230V/50Hz in standard version for EU. On request GB, AUS or USA version available

The mechanical movement is carried out



Power supply:



Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.



Motorised drive: by a electric motor.

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TEPPER	

Motorised drive: The mechanical movement is carried out

by a synchronous motor (stepper).

FAST-MOVE



the total length of travel can be covered by a single lever movement.



DAkkS calibration possible:

The time required for DAkkS calibration is shown in days in the pictogram.



Factory calibration:

The time required for factory calibration is specified in the pictogram.



Package shipment:

The time required for internal shipping preparations is shown in days in the pictogram.



VARRANTY

Pallet shipment:

The time required for internal shipping preparations is shown in days in the pictogram.



The warranty period is shown in the pictogram.

Your SAUTER specialist dealer:

