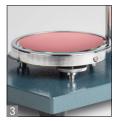


Manual shore test stand SAUTER TI











Lever operated test stand for hardness testing with base plate made of glass

Features

- For Shore hardness testing of plastics, leather etc.
- Il Glass plate: high measurement accuracy by means of superior hardness of the glass plate
- Mechanical construction: Robust design for precise measuring
- In Level adjustment: For the precise levelling of the base plate blate, e.g. for the correction of inhomogeneous test objects
- 4 Test stand TI-DL, with exchangeable longer column for use with digital hardness tester HD
- · Hardness tester not included in delivery

- · Operation:
 - The SAUTER hardness testing device HB or HD is fitted in a suspended position
- 2. The test object is placed on the round testing table right under the durometer measuring tip
- 3. By pressing the lever down, the test weight will be released, and this then presses the measuring tip into the test object with its own weight (see table)
- The accuracy of the displayed result is approx. 25 % higher than in a manual operated test

Technical data

- Stroke length: 15 mm
- · Maximum test object height: 63 mm
- Base plate Ø 75 mm
- Overall dimensions W×D×H
 TI-AC: 150×110×330 mm
 TI-D: 150×110×400 mm
 TI-ACL: 150×110×380 mm
 TI-DL: 150×110×450 mm

STANDAR



Model	Suitable for	Length of column	Poids de contrôle	Net weight approx.	
SAUTER		mm	kg	kg	
TI-AC.	HBA, HB0	245	1	4,5	
TI-D.	HBD	245	5	8,5	
TI-ACL	HDA, HD0	300	1	4,5	
TI-DL	HDD	300	5	8,5	

SAUTER CATALOGUE 2020

SAUTER

Pictograms



Adjusting program (CAL):

For quick setting of the instrument's accuracy. External adjusting weight required.



Control outputs (optocoupler, digital I/O):



Resets the display to "0".



Calibration block:

standard for adjusting or correcting the measuring device.



Peak hold function:

capturing a peak value within a measuring process.



Scan mode:

continuous capture and display of measurements



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 measuring instrument to a printer, PC or other peripheral devices.



WLAN data interface:

To transfer data from the balance to a printer, PC or other peripherals.



Data interface Infrared:

To transfer data from the measuring instrument to a printer, PC or other peripheral devices.



to connect relays, signal lamps, valves, etc.



Analogue interface:

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



Statistics:

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



PC Software:

to transfer the measurement data from the device to a PC



Printer:

a printer can be connected to the device to print out the measurement data.



Network interface:

For connecting the scale to an Ethernet network.



KERN Communication Protocol (KCP):

It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems.



GLP/ISO record keeping:

of measurement data with date, time and serial number. Only with SAUTER printers



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.



Measuring with tolerance range (limit-setting function):

Upper and lower limiting can be programmed individually. The process is supported by an audible or visual signal, see the relevant model



BATT

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



Power supply:

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



Motorised drive:

The mechanical movement is carried out by a electric motor.



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.



Pallet shipment:

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

Your KERN specialist dealer: