



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

Features

- For Shore hardness testing of plastics, leather etc.
- **1 Glass plate:** Providing a higher base hardness and superior accuracy
- **2 Mechanical construction:** Robust design for precise measuring
- **3 Level adjustment:** For the precise levelling of the base plate
- **Adjustable base plate** for the correction of inhomogeneous test objects

Operation:

1. The SAUTER hardness testing device HB is fitted in a suspended position
 2. The test object is placed on the round testing table right under the durometer pin
 3. By lowering the handle lever, the measurement instrument is pressed in a controlled manner into the test object
- The accuracy of the displayed result is approx. 25 % higher than in a manual operated test
 - Large illustration with analogue Shore hardness tester SAUTER HB (not included)































Technical data

- Stroke length: 15 mm
- Maximum test object height: 63 mm
- Base plate Ø 75 mm
- Overall dimensions LxWxH 150x110x250 mm
- Net weight approx. 8,5 kg

STANDARD



Model	Suitable for	
SAUTER		
TI-A0	HBA, HB0	
TI-D.	HBD	
TI-A0L	HDA, HD0	
TI-DL	HDD	

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

Your SAUTER specialist dealer: