

PRODUCT BROCHURE

SAUTER TI-D

Date: 09.03.2026

ENGLISH



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

CONTACT

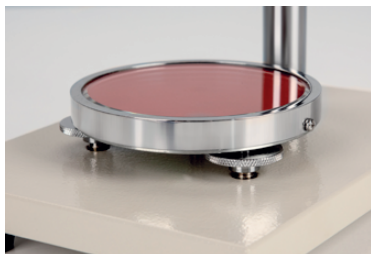
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PRODUCT SHOWCASE



DESCRIPTION

- For Shore hardness testing of plastics, leather etc.
- Glass plate: high measurement accuracy by means of superior hardness of the glass plate
- Mechanical construction: Robust design enables accurate measuring movements
- Level adjustment: For the precise levelling of the base plate, e.g. for the correction of inhomogeneous test objects
- Hardness tester is not included with delivery
- Operation:
 1. The SAUTER hardness testing device HBD 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 test force hardness measurement)
- The accuracy of the displayed result is about 25 % higher than in a manual operated test

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	TI-D
Model-Serie	TI
Assortment	Sauter

Product Type	Hardness measurement
Product group	Hardness testers (Shore)
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761140240
Predecessor Model	TI-D-2019a

Customs tariff number	90248000
Country of Origin	CN

Technical data - Primary

Hardness scales	Shore D
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Technical data - Construction

Material housing	stainless steel
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Technical data - Measuring system

Test force Hardness measurement	50 N
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Technical data - Environmental conditions

Maximum storage temperature	40 °C
Minimum storage temperature	-10 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	355×255×180 mm
Gross weight	10 kg
Net weight	8 kg
Shipping method	Parcel service
UN number	No dangerous goods
Packaging component - by weight - cardboard	750 g
Packaging component - by weight - styrofoam	750 g
Delivery time	1 d

FUNCTIONS

Standard



SPARE PARTS

Model	Description
RTI-9000	RTI-9000
RTI-9001	Lever arm bolts SAUTER RTI-9001
RTI-9002	Mounting KERN RTI-9002