



REBOUND CHECK

SCHOB TYPE REBOUND TESTER FITTED WITH TOUCH-SCREEN DISPLAY SYSTEM FOR THE CALCULATION OF THE RESILIENCE OF ELASTOMERS WITH HARDNESS BETWEEN 30 AND 85 IRHD

STANDARDS: ASTM D7121; ISO 4662;

NOTE: COMPLIANCE WITH SOME STANDARDS MAY REQUIRE OPTIONAL ACCESSORIES OR SETUPS.



The Resilience is the ratio between energy yield and energy applied in the impact between the instrument's hammer and the specimen.

This measure provides useful indications regarding the dynamic behavior of an elastomer.

The characteristics of the specimen, of the hammer and of the fixing tool are defined by the standards to ensure repeatable results.

The measurement is performed by measuring the rebound angle of the hammer following the impact. The instrument provides direct reading of the resilience value.

The touch-screen display permits to:

- display the results of 5 tests made on the sample
- calculate mean and standard deviation of the results

- calibrate the angle reading of the instrument
- export the data

The sample holder, conforming to ISO 4662 and ASTM D 7121 standards, is supplied with a tool for easy insertion and removal of the sample.

The Gibitre Import Software (optional) permits to transfer to store the test results to Gibitre SQL database.

Test method: Recording of 5 test results (Rebound %) and automatic calculation of mean and standard deviation.

Sensitivity: 0.2 %

Control Display: Touch Screen display for instrument setup and results display; The display permits to: • display the results of 5 tests • calculate mean and standard deviation of the results • calibrate the angle reading of the instrument •

export the data

Display Dimensions: External dimensions W 92 x D 150 x H 30 mm - Usable Area 60 x 100 mm

Data transmission (option): The software, compatible with Windows 11, allows you to receive data from the instrument's USB port and store it in Gibitre's SQL database.

