PRODUCT DATA SHEET

SHORE HARDNESS TESTER

เครื่องวัดความแข็ง

MODEL : HT-6510D

This pocket size digital testing equipment is fully equipped with an indenting foot of hardened steel rod with a 30° conical point and 0.1 mm radius tip and is capable of producing a value from 0 to 100, with higher values indicating a harder material. The results obtained from this test are a useful measure of relative resistance to indentation of various grades of polymers, elastomers and rubbers.

FEATURES

- With INTEGRATED (built-in) PROBE and designed to determine the hardness of Plastics, Formica, Expoxies and Plexiglass
- Equipped with wide measuring range and high resolution
- Uses Microcomputer LSI circuit and crystal time base to offer high accuracy measurement & fast measuring time.
- Uses operation stand capable of applying the specimen to the indentor with sufficient recommended force that allows accurate and repeatable hardness tests to increased stability and maximum repeatability
- Delivers ultra accurate reading with no guessing errors
- Features instant, bold, easy to read, legibly written results indicating a specific value, with a 0.1 resolution
- Use anywhere and suitable for use in the laboratory or in field conditions

SPECIFICATION

- Test scale: Shore D Hardness
- Standards: DIN53505, ASTM D2240, ISO 7619, JIS K7215
- Parameters displayed: hardness result, average value, max. value
- Measurement range: 0-100 H (Shore D)
- Microcomputer: Newly developed microcomputer delivers maximum results
- Measurement deviation: error<= +/-1
- Resolution: 0.1 H
- Temperature Operating conditions: *0 - 50°C
- Humidity Operating Conditions: <80%
- Display: 4 digits, 10mm LCD
- Power supply: 4 x 1.5V AAA (UM-4) battery
- Battery indicator: low battery indicator
- Power off: manual or auto after 10 minutes
- Dimensions: 162mm x 65mm x 38mm
- Weight (without batteries): 170g

SET INCLUDES

- 1 x Digital Durometer Meter
- 1 x Hard plastic carry case with padded & contoured interior
- 1 x instruction manual
- 1 x FREE Test Block
- 1 x FREE Wrist Strap