



Shore Durometer NOVOTEST TS-C

The Shore Durometer is one of the modern non-destructive testing instruments for measuring the hardness value of different materials at the workshops and laboratory. The device can be used at the radio instruments industry, mechanical engineering and others of modern industry. Shore Durometer NOVOTEST TS-C complies to ISO-7619 and ISO-868, DIN53505, ASTM D2240 and JIS K7215.

Soft plastic, printed circuit boards, glass, elastomers, fibers, soft rubber, leather, resin, wax, neoprin, butyl, silicone, vinyl are typical controlled materials for Shore Durometer. The principle of determining the hardness value of materials is based on the

calculation the value of material's resistance to the penetration of the indenter with a preset load.

Advantages:

Shore Durometer NOVOTEST TS-C is a new modern electric unit with the digital display.

Shore Durometer NOVOTEST TS-C has two versions: A and D.

Shore Durometer A is designed for testing the following materials: soft rubber, elastomers, silicone, neoprin, vinyl, butyl, nitrile, soft plastics, leather, wax, etc.

Shore Durometer D is designed for testing products from rubber, resin, glass, PCB, fibers, plastics, etc.

Specifications:

Measurement range, Shore scale	from 0 to 100
Interval of scale indicator, Shore scale	0,5
Measurement accuracy	$\pm 0,5$
Dimensions, mm	115*60*25
Weight, kg, no more	0,5

Available options:

Shore Durometer NOVOTEST TS-C is available in two versions: A (for soft rubber, silicone, soft plastics, leather etc.) and D (for glass, PCB, plastics etc.).

Shore Durometer also can be equipped with Shore Hardness Test Stand NOVOTEST (tripod). Using Shore Durometer NOVOTEST TS-C with a stand allows user to provide the most accurate results, and this also increases the repeatability of the results. In the most cases Shore Durometer with stand is the optimal choice, because operator's errors during measurements much decreased, that is lead the most accurate results.

Also, we produce Shore Hardness Test Blocks for checking the measurement accuracy of the device.

Standard package:

- Shore durometer
- Operating manual
- Case