



## Shore Durometer NOVOTEST TS-A



### Description of Shore Durometer NOVOTEST TS-A (analog)

Shore Durometer is one of the modern non-destructive testing instruments for measuring the hardness of different materials at the workshops or laboratory. This device can be used at the radio instruments industry, mechanical engineering and other areas of modern industry.

Shore Durometer NOVOTEST TS-A corresponds to the standards: 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 control objects of Shore Durometer. The principle of determining the value of the hardness of materials is based on the calculation of the data material's resistance to the penetration of the indenter with a certain load.

### The advantages of Shore Durometer NOVOTEST TS-A

Shore Durometer is produced in two versions, A and D.

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

Shore Durometer D is intended for the rubber, resin, glass, PCB, fibers, plastics, etc.

### Specifications of Shore Durometer NOVOTEST TS-A (A/D)

Range of values scale indicator, Shore hardness units	from 0 to 100
Scale interval of indicator, Shore hardness units	1,0
Limit of permissible error of the indenter displacement	$\pm 1,0$ scale division
Dimensions of Shore Durometer, mm	115x60x25
Weight, no more, kg	0,5



## **Available options for ordering of Shore Durometer NOVOTEST TS-A**

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

Shore Durometer also can be equipped with Shore Hardness Test Stand NOVOTEST (tripod). Using Shore Durometer NOVOTEST TS-A with a stand allows to provide the most accurate results, and this is also increases the repeatability of the results. In the most cases Shore Durometer with stand is the optimum choice, because the operator error during measurements much decreased, that is leads the most accurate result.

## **Standard set of Shore Durometer NOVOTEST TS-A**

- Unit
- Operation manual
- Case