

## **DVT GD D NN YD**

### **FATIGUE TESTER (SPONGE)**



**TESTER FOR DETERMINATION OF LIFETIME,  
FLEXIBILITY AND HARDNESS OF POLYMERIC  
MATERIALS**

## DVT GD D NN YD

### TECHNICAL SPECIFICATIONS

Used to measure hardness of flexible cellular polymeric materials.

#### USED IN

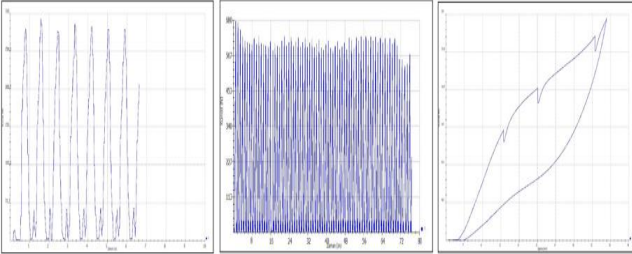
- Upholstery sponge manufacturing
- Bedspring manufacturing
- Plastics, rubber
- Car industry

#### SOME OF THE TESTS YOU CAN CONDUCT

Open/close, rupture, tearing, compression, fracture, yield strength, permanent deformation, puncture, bending

#### MATERIALS THAT CAN BE TESTED

- Polymers, sponges
- Steel bedsprings
- Plastics, car industry and its suppliers



#### TECHNICAL INFORMATION

- Operating voltage: 220VAC, 50 Hz.
- Energy consumption: max. 1 KVA.
- Test speed range: 0.001 -500.000 mm/dak.
- Colour touch-screen
- Double-column, double-screw system
- Emergency stop button
- Fast return
- Programmable stop
- Accuracy:  $\pm$  % 0.5.
- Movement accuracy: 0,001 mm.
- Force unit: kN, Newton, kg or MPa.
- Test stops upon rupture, fracture or depending on distance
- Language options: Turkish, English, French, Russian and Italian

#### OPTIONAL FEATURES

- Various jaws
- Computer and printer connection
- Additional apparatuses for special tests
- Extensometer
- Hot – cold environment test cabins
- Plexiglas or metal safety cage
- Light barrier
- Jaw fixation with pin
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#### RELEVANT STANDARDS

- ISO 3389

MODEL	DVT GP23 D GN
TRACTION DISTANCE WITHOUT JAW mm	900
DISTANCE BETWEEN COLUMNS mm	420
W x D x H cm	96x52x148
WEIGHT KG	130
CAPACITY OPTIONS kN.	0.3, 0.5, 1, 5, 10, 20, 30
MAXIMUM SPEED mm/min.	0.001 – 500.000

**Note:** Devotrans reserves the right to modify the equipment described in the brochure. The model in the picture may not be the latest one.

