

DVT BP D NK

**TEXTURE ANALYSIS TENSILE AND COMPRESSION
TESTING MACHINE**



**DESIGNED FOR TENSILE, ELONGATION,
COMPRESSION TESTS**

DVT BP D NK

TECHNICAL SPECIFICATIONS

The texture analysis tensile and compression testing machine is a single-column model designed for testing applications with load capacities of up to 3 kN.

USED IN

Packaging, Medical, Food

TESTS PERFORMED WITH THE DEVICE

Product testing, such as opening/closing, breaking, tearing, compression, fracture, stretching, permanent deformation, puncture, radial loading.

PRODUCTS SUBJECT TO TESTING

- Food products
- Packaging products
- Medical products

RELEVANT STANDARDS

- TS EN ISO 7500-1/527-3/6892-1
- TS 1398-1 EN ISO 527-1
- TS ISO 37
- ASTM F 3067
- DIN 30670
- ISO 34

TECHNICAL INFORMATION

- Stopping, depending on the Breakout/Fracture or distance.
- Maintenance-free, solid and reliable structure.
- Colour touch screen.
- Rapid return to the starting point.
- Emergency stop button.
- 2-column and single-screw system, monoblock.
- Sensitivity: $\pm 0,5\%$.
- In tensile tests, the direction of the movement is upwards.
- Operation Voltage is: 220VAC, 50 Hz.
- Power consumption: max. 400 W.
- Speed option between: 1.000 – 500.000 mm/min.
- Specimen diameter (width) is maximum 210 mm.
- Movement precision: 0,001 mm.
- Force unit: kgf, ggf, kN, Newton etc.
- Turkish, English, French and Russia language options.

OPTIONAL ADDITIONS

- Custom made software.
- Computer and printer connections.
- Special jaws and additional units.
- Speed option between: 0.001 – 500.000 mm/min.
- Extensometer.
- Warm-cold ambient test chambers.
- Metal or plexiglas safety cage.

APPROXIMATE DIMENSIONS AND WEIGHT

- Width : 46 cm
- Depth : 38 cm
- Height : 73 cm
- Weight : 58 kg

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