

DVT GP50 D NN

DOUBLE-ZONE TENSILE COMPRESSION TESTING MACHINE



**UNIVERSAL TESTING MACHINE FOR TENSILE,
COMPRESSION TESTS**

DVT GP50 D NN

TECHNICAL SPECIFICATIONS

Used for measuring endurance of materials. If the option of extensometer is chosen, high precision measurements are possible.

USED IN

- Metal manufacturers,
- Wire manufacturers,
- Textile, footwear,
- Plastic, rubber,
- Automotive,
- Medical supplies,
- Forestry,
- Construction,

SOME OF THE TESTS CAN BE APPLIED

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

MATERIALS CAN BE TESTED

- Aluminum, copper, spring, sheet metal profile...
- Steel, iron...
- Jute, Cable, steel wire...
- Plastic products, Automotive and supplier industry,
- Forest products, Construction materials,
- Glues,
- Fabrics, leather, artificial leather, zipper,
- Glass, porcelain, Paper etc.

RELEVANT STANDARDS

- TS EN ISO 7500-1/527-3/6892-1
- TS 1398-1EN ISO 527-1

TECHNICAL INFORMATION

- Operating voltage: 220VAC, 50 Hz.
- Power consumption is: max. 1 KVA.
- Speed adjustment is between 0.001 -500.000 mm/min.
- Colour touch screen.
- Double columns, double screws system.
- Emergency stop button.
- Rapid return to the starting point.
- Programmable stop option.
- Sensitivity: $\pm 0.5\%$.
- Motion sensitivity: 0,001 mm.
- Force unit: Newton, kN, kg or MPa.
- Stops, depending on the breakout, breakage and distance.
- Turkish, English, French, Russia and Italian language options.
- Can be used on a desktop or the floor.

OPTIONAL ADDITIONS

- Different jaw models available.
- Computer and printer connections.
- Additional equipments for special tests.
- Extensometer.
- Warm - cold ambient test chambers.
- Metal or plexiglas safety cage.
- Light barrier.
- Change of jaw frequency minimized thanks to the double zones.
- Jaw fixing with pin.

MODELS	
PULL LENGHT (except jaw) mm	1030
Movement distance when a 50 kN pneumatic jaw and a C125 compression jaw are fixed mm	440
DISTANCE BETWEEN COLUMNS mm	320
W x D x L cm	102.5x59x184
WEIGHT KG	296
CAPACITY OPTIONS kN.	0.3, 0.5, 1, 5, 10, 20, 30, 50
MAX. SPEED mm/dak.	0.001 – 500.000

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.

