

DVT GP D(DLC) S Series

COMPRESSION TESTING MACHINES

**DVT GP D S60 N
BOX CRUSH TESTER**



**DVT GP D S80 N
BOX CRUSH TESTER**



**DVT GP D S100 N - RING
STIFFNESS TESTER FOR PIPES**



**DVT GP D S32 K COMPRESSION
TEST MACHINE (ECT, FCT, RCT,
CMT, CCT, PAT TESTS)**



USED FOR COMPRESSION TESTS OF BOXES, PLASTIC
PIPES ETC.

DVT GP D(DLC) S Series

TECHNICAL SPECIFICATIONS

Specially used in compression, fracture, permanent deformation tests of corrugated card board boxes and plastic pipes.

Alternative names for the equipment: Box crush tester, compression test machine for boxes, compaction test for boxes, ring stiffness tester for pipes, ECT, FCT, RCT, CMT, CCT, PAT tester, BCT parcel tester, BCT box tester, BCT parcel compression test machine, compression test machine for papers and corrugated cardboards, crush tester for papers and corrugated cardboards, compression test machine

SOME OF TESTS CAN BE APPLIED

Box crush test, box compression test, BCT test, box compaction test, ring stiffness test for pipes, ECT, FCT, RCT, CMT, CCT, PAT tests, paper and corrugated cardboard test, compression test, closing test, breaking test, bending test, permanent deformation.

MATERIALS CAN BE TESTED

Corrugated cardboard, plastic pipes, corrugated pipe, glass, ceramics, porcelain, floor tiles, tile, cement based materials, automotive products, forestry products, construction materials, paper, cardboard, boxes, parcels...

RELEVANT STANDARDS

- TS EN ISO 12048
- DIN EN 22872
- TAPPI T 804
- FEFCO 50
- AFNOR H 13-001
- TS EN ISO 9969
- ISTA SERIES
- TS EN ISO 7263 (DVT GP D S32 K)
- TAPPI T 809 (DVT GP D S32 K)
- ISO 3037 (DVT GP D S32 K)
- ISO 3035 (DVT GP D S32 K)
- * ASTM D642
- * ASTM D4169
- * ASTM D4577
- * ASTM D7030
- * DIN 55440-1
- * TS EN ISO 13968
- * 49 CFR 178.606

TECHNICAL INFORMATION

- Touch screen.
- Emergency stop button.
- 2 columns system.
- Precision : $\pm 0,5\%$.
- Operation voltage : 220VAC, 50 Hz.
- Power consumption : max. 1 KVA
- Speed adjustment : between 0,001-500.000 mm/min.
- Movement precision : 0,001 mm.
- Programmed stop.
- Stopping, depending on the Compression/Fracture or distance.
- Standard software is available.
- Newton, Kg or MPa options.
- Turkish, English, French, Russian and Italian language options.
- Maintenance-free, solid and reliable structure.

OPTIONAL ADDITIONS

- Different jaw models available.
- Computer and printer connection.
- Additional units for specific tests.
- Special movement precision.
- Special speed control range.
- Extensometer.
- Hot- cold ambient cabins.
- N/s option.
- Metal or plexiglas safety cage.
- Light barrier.

MODELS	DVT GP D S60 N	DVT GP D S80 N	DVT GP D S100 N	DVT GP D S120 N	DVT GP D S60 U	DVT GP D S80 U	DVT GP D S100 U	DVT GP D S120 U	DVT GP D S32 K
MAX. CROSSHEAD mm	900				1190	1200/1500/3000			335
DISTANCE BETWEEN COLUMNS mm	620	800	1000	1200	620	800	1000	1200	320
W x D x H cm	114x55x135	145x84x144	167x104x235	187x84x170	113x52x169	147x84x210	167x104x235	187x84x210	82x52x76
WEIGHT kg	190	300	340	380	242	348	360	400	95
CAPACITY OPTIONS kN	2-5-10-20-30			2-5-10	2-5-10-20-30			2-5-10	2-5-10-20-30
MAX. SPEED mm/dak.	0,001-500,000								0,500-150,000

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.

