

DVT YC

PEEL TESTER FOR PHOTOVOLTAIC OR
SOLAR CELLS (MULTIPLE SPECIMEN)
USER MANUAL



USED TO CONDUCT TEARING, PEELING AND
TENSILE TESTS

DVT YC

TECHNICAL SPECIFICATIONS

Used to conduct tearing, peeling and tensile tests.

Measures the force required to detach a material from a surface to which it is stuck and the resistance of such material to detachment at an angle of 180°. Up to 16, 18 and 24 samples can be tested simultaneously.

- Alternative names of tester: solar cell tester, PV Solar cell multi-channel tensile testing machine, Solar battery/panel ribbon tester, PV Solar cell peeling strength testing machine, Peel testing of photovoltaic or solar cells, Solar panel peel testing.

USED IN

- Manufacturing of solar panels.
- Manufacturing of adhesive bands.
- Manufacturing of medical products.

APPROXIMATE DIMENSIONS AND WEIGHT

- Width: 92 cm.
- Depth: 65 cm.
- Height: 34 cm.
- Weight: 73.5 kg.

RELEVANT STANDARDS

- IEC 61646
- IEC 61215 / EN 61215
- ASTM D6862-11
- EN 28510-1
- EN 50461

TECHNICAL INFORMATION

- Operating voltage: 220 Volt 50 Hz.
- Colour touch-screen.
- Emergency stop button.
- Direction of pull: from left to right.
- Special software with computer connection.
- Graphic printout for 12 samples.
- Speed range: 1.000 – 500.000 mm/min.
- Force unit options: N, kN, cN, gf, kgf, lb.
- Language options: Turkish, English, French, Russian.

ACCESSORIES

- Sample holding apparatus (#12).

OPTIONAL FEATURES

- Option of measuring different numbers of samples.
- Customized production with different capacities (10 N – 50 kN).
- Plexiglas protection lid.

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.