

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 12 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.
- Maximum number of samples that can be tested simultaneously: 12.
- 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.
- Capable of testing #12, 15, 16 or 18 samples simultaneously.

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.

