DVT DEVOTRANS
Quality control test equipment

DVT TO T C

LUER CONNECTOR TORSION TEST DEVICE

IT IS USED IN OPENING AND CLOSING FORCE MEASUREMENT TESTS OF MEDICAL PRODUCTS AND MEDICAL MATERIALS.

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TECHNICAL SPECIFICATIONS

It is used to determine the torque force of connection elements (cannulas, syringes, catheters) used in the medical sector.

With the device, loosening test and loosening resistance, leakage by pressure drop test method, falling drop positive pressure liquid leakage, air leakage under negative pressure, tensile cracking, resistance to separation according to the axial load test method, resistance to separation according to the screwing test method, resistance to overload test method, and separation test by screwing method are performed.

PRODUCTS SUBJECT TO TESTING

- Medical products
- Pharmaceutical bottles and containers
- Metal, plastic, etc.
- Connectors
- Syringes

APPROXIMATE DIMENSIONS AND WEIGHT

- Width: 56 cm
- Depth: 50 cm
- Height: 151 cm
- Weight: 110 kg

RELATED STANDARDS

- TS EN ISO 80369-7
- TS EN ISO 80369-20
- ISO 594-2
- ISO 80369-6

TECHNICAL INFORMATION

- Operating voltage: 220 Volt 50 Hz
- Emergency stop button
- Color touch screen
- Possibility of taking test report with computer software
- Torque unit: N.m and lbf.in
- Jaw options depending on sample diameters to be tested
- 300 Newton tensile-compression force
- Test capacity: 2 N.m
- Adjustable rotation angle
- Device movement: tightening and loosening (opening) directions (two-way, to the right and to the left)
- With the overload test only tightening operation, with the disassembly test tightening first then loosening operation, with the disassembly resistance test tightening first then loosening operation for a certain period of time is applied.

OPTIONAL ADDITIONS

- Possibility of testing different samples with different jaws (holders)
- Various test capacities according to the sample
- Possibility of measuring torsional force of metals, etc., with different jaws (holders)

DEVOTRANS ELEKTRİK MAKİNELERİ SANAYİ TİC. LTD. ŞTİ.
CEVİZLİBAĞ YILANLI AYAZMA YOLU NO:18
TOPKAPI – İSTANBUL - TÜRKİYE
T:+90 212-482 09 88 - F:+90 212-482 10 48
devotrans@devotrans.com www.devotrans.com

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