



FTD-A

Dynamic Bending and Torsion Combo Test Tool

Applications

The FTD-A is a dynamic bending and torsion tester designed to test the resistance of any ID-1 card. It complies with ISO/IEC 10373-1 standard and the latest MasterCard CQM requirements (TM-414 Dynamic bending stress, TM-415 Dynamic torsion stress).

- IC module, and any card body element qualification.
- Quality control / Production control.
- Durability tests, including ISO/IEC 24789-2: Card service life tests.

Operating mode

- Programmable number of cycles.
- Frequency adjustable (0.5Hz / 1Hz).
- Pause mode.

Key benefits

- Easy load / un-load positions.
- Test up to 8 cards simultaneously : 2 for bending longer side, 2 for bending shorter side, 2 for shortened bending and 2 for torsion cycle.
- Shortening bending stress according to ISO/IEC 24789-2 standard.



Access



Evolution



Productivity

Technical characteristics

User Interface

Programmable cycle counter
Speed set to 0.5Hz/1Hz

Bending

in longitudinal and transversal axes and shortened bending

Torsion

±15° angle

Loading

8 cards

Dimensions

W x D x H: 430 x 375 x 400 mm

Weight

33 kg

Power supply

100-230V AC 50/60Hz
60 w rated power

In compliance with E.C. directives

Associated products

Answer to reset test (ATR) is required after using the FTD-A and can be easily performed by other MULANN products:

- μCARD software with readers
- PVT-A tester
- NTMAG analyzer range
- TR3-E or T3R-P6
- CWT