

Summary:

DeMattia Flex Tester features variable speeds for testing fatigue, breakage or crack growth in rubber, plastics, leather, fibre optics and exotic composites. These models are designed with simplistic and durability in mind. The rigidity of the tester yields accurate results.

Application Standards:

ISO 132 --Rubber, vulcanized or thermoplastic -- Determination of flex cracking and crack growth (De Mattia)

ASTM D430 --Standard Test Methods for Rubber Deterioration-Dynamic Fatigue

ASTM D813 --Standard Test Method for Rubber Deterioration-Crack Growth

BS 903 --Methods of testing vulcanized rubber

JIS K6301 --Physical testing methods for vulcanized rubber

Features:

- Production additives settings and adjustments
- Inspection of quality products
- In-process checks to ensure on-spec product for converting operations
- Quality-control reporting
- Widely used in the automotive , rubber and textile industry

Specifications

Items	Demattia Rubber Flexing Fatigue Test Machine
Test Station	12 Test Stations
Specimen	154×25±1×6.3±0.15mm
Grips Max. Space	75 +1 mm
Reciprocating trip	57 +0.5 mm
Test Speed	300±10 times/min
Count	LCD display, 0~999,999
Power	220V, 50/60Hz