



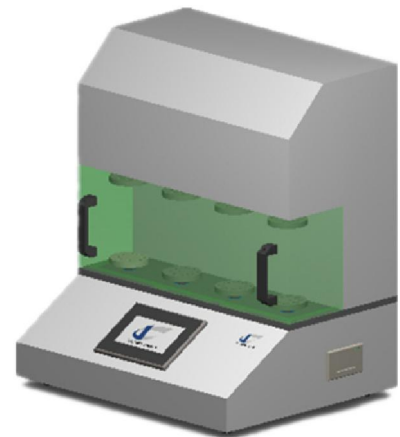
## GFT-01 Flex Durability Tester

The flex durability tester is used to measure the resistance against repetitive strain for films, composites and coating films, etc. Flex failure is determined by measuring the pinholes formed in the sample structure. It is also called Gelboflex.

Standard: ASTM F392, "Flex durability of flexible barrier materials".

The sample size (200 by 280 mm) is attached to the flex tester mandrels. The flexing action consists of a twisting motion combined with a horizontal motion (compression), thus repeatedly twisting and crushing the film. The test set up gives a twisting motion of 440° in the first 90 mm of the stroke and is followed by a straight horizontal motion of 65 mm. The speed is 45 cycles per minute.

- PLC control and 7 inch touch screen operation
- 5 standard test modes and 4 test stations
- Long and short stroke fast switching
- Protection front cover
- Condition A,B,C,D and E can be chosen
- Micro printer
- Could realize test frequency random setting



Flex Frequency	45 /minute
Flex Angle	440° (90 mm) or 400° (80 mm)
Horizontal Stroke	155 mm or 80 mm
Stations	4
Sample Size	280 mm x 200 mm



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