SKYLINE

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SL-L17 Vamp Flexing Machine



Application

This machine is used to test vamp flex test-resistance to creasing and cracking.

Product information

To primarily intended to determine the propensity for materials to crack or be used to assess whether leathers are likely to produce salt spue. In particular the test simulates conditions in the vamp part of footwear during walking. The test can be conducted with either wet or dry specimens at room temperature or with dry specimens at sub zero temperatures. The method is applicable to all flexible materials and in particular those used to manufacture outers and linings of footwear uppers such as leathers, coated fabrics and textiles

Principle

The sample is fixed on the fixture, and the clamp moves relative to each other, so that when the two clamps are close, the specimen is bent. During the test, the clamp moves at a constant speed, and the specimen is repeatedly bent. Observe the damage of the specimen.

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Specifications

Clamp	40degree V-shaped
Number of specimen	12pcs
Zigzag frequency	300±30 times/min
Counter	LCD, 0- 999, 999
Test stroke	19mm
Flexing speed	300±30CPM
Sample size	64x64mm
Dimensions	54 cm × 35 cm × 30 cm
Weight	64kg

Standards

ISO 4643 ISO 5423 section 5.2 EN ISO 20344-2004 Section 6.5.2 AS/NZS 2210.2 Section 6.5.2 EN ISO 22288 SATRA TM25

Please review video of the Vamp Flexing Tester operation as below link: <u>https://youtu.be/Co-7YpdPshl</u>

