



## Leather Reciprocation Abrasion Tester Model: ADL-LRA08

### Application

This machine is to test the abrasion resistance of the sole leather.

### Working Principles

The surfaces of two square test samples were brought into contact with the standard abrasive agent. Then, these test samples moved back and forth on the abrasive agent under the action of a constant force. To maintain the grinding effect during the test, an air extraction system was used to remove dust as the abrasive agent gradually flowed beneath the samples. Subsequently, the average thickness reduction rate per thousand cycles of each test sample material within most of its thickness (excluding approximately the last 1.0 mm section) was determined.



### Standards

IS 6721-2023 ANNEX B

### Specification

- Position : 2
- Area of testing head : 25.5 mm × 25 mm
- Movement speed : 30 ± 5 times / min.
- Rubbing stroke : 216 mm
- Rubbing finger mass : 35.0 N ± 0.5 N
- Sample size : 25 mm ± 0.5 mm square
- Abrasive paper : Coated with silicone carbide of grit size 80 X
- Power supply : 1 φ AC 220V 50/60HZ
- Dimensions : (LxWxH) 770x450x550mm
- Weight : About 100kg

### Accessories

#### Standards Accessories

- Steel plates : 2pcs
- Power line : 1pc

*\*Technical Data Subject to change without notice.*

### AdLab Instruments Co., Ltd

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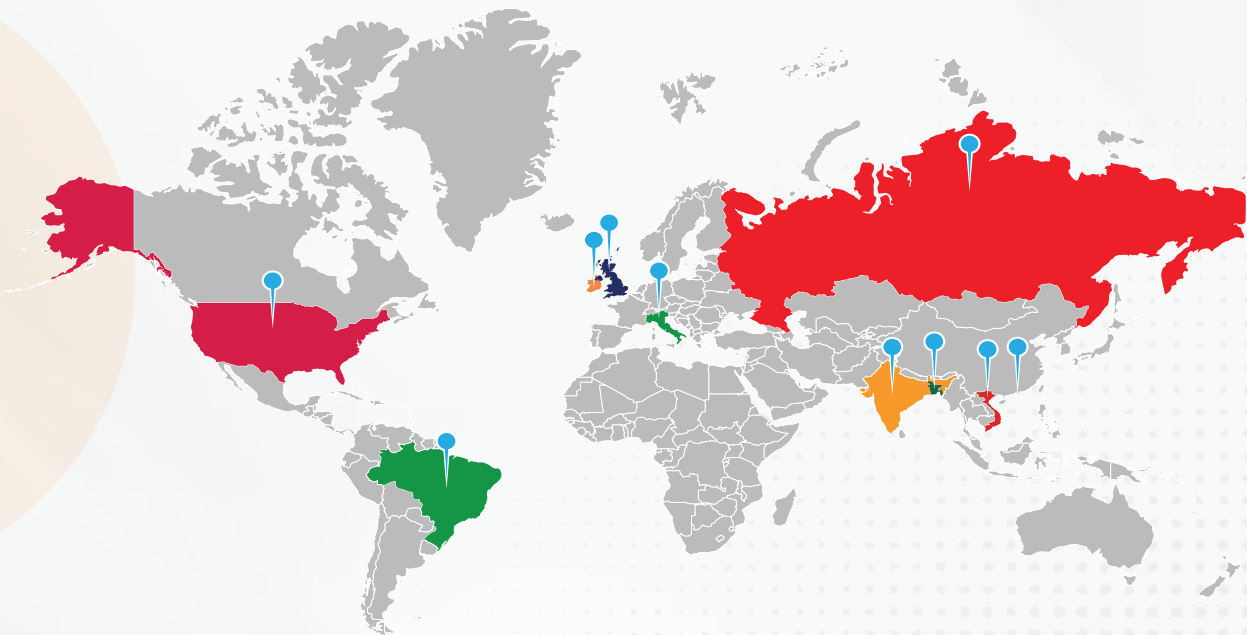
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