

# Reciprocating Wear Tester for Material Durability

This tester secures a sample on a horizontal platform, applying specified abrasive and load as the platform moves. Its lever principle ensures accurate sample surface load and reliable test outcomes, while adjustable abrasive height and load accommodate varying sample sizes.



## Product Overview

### Precision Durability Testing

This reciprocating wear tester is a high-precision instrument engineered to evaluate material surface durability under controlled reciprocating motion. It offers versatility through adjustable parameters like stroke length, frequency, and applied load, making it ideal for testing coatings, polymers, and metals. The integrated digital display and data acquisition capabilities ensure reliable monitoring and detailed analysis of wear characteristics for diverse industrial applications.

## Certifications and Standards

### Quality & Compliance

CE, ISO 9001:2000, SGS Certified

## Operational Parameters

### Adjustable Testing Controls

- Variable stroke length
- Adjustable oscillation frequency
- Programmable applied load
- Real-time digital parameter display

### Analysis Capabilities

Yes

## Applications

### Suitable Materials

- Coatings
- Polymers
- Metals