

Office Chair Back Durability Tester

This testing machine evaluates the durability of office chair backs under repeated stress. It simulates real-world use by applying controlled forces and movements to the chair back to assess its resistance to fatigue and deformation.



Overview

Durability Testing Solution

The Office Chair Back Durability Tester is a specialized instrument designed to evaluate the structural integrity and longevity of office chair components. By simulating real-world usage conditions, the machine applies controlled forces and repeated movements to chair backs to assess resistance to fatigue, deformation, and failure. This system ensures that office chairs meet necessary industry standards for safety and long-lasting support.

Technical Capabilities

Testing Parameters

- Controlled force application
- Adjustable stroke length
- Variable testing speed
- Configurable cycle counts

Primary Application

Fatigue Testing • Deformation Assessment • Structural Integrity • Failure Analysis

Design & Construction

Construction Features

Robust Frame, Precise Control Mechanisms, Adjustable Settings