

Acid Penetration Tester for Protective Clothing

This acid penetration tester is designed to evaluate the resistance of materials used in protective clothing. It measures the penetration time of acid through chemical fabrics.



Product Overview

Acid Penetration Tester

This specialized instrument is designed to evaluate the resistance of materials to acid, liquid, and blood penetration. It provides precise control over testing parameters, ensuring accurate and repeatable results for quality control and research. The device is essential for assessing the protective qualities of coatings, polymers, and fabrics used in hazardous environments.

Applications

Suitable Materials & Uses

- High density fabric
- Laminated fabric & coating materials
- Canvas, felt, and tarpaulin
- Airtight fabrics & outdoor sports materials
- Medical protective clothing (liquid & blood permeability)
- Chemical protective clothing
- Non-woven & filter materials
- Paper & cardboard

Standards Compliance

Test Standards

GB 24540-2009, ISO 6529-2013, BS EN 463-1995, BS EN 468-1995

Technical Features

Instrument Features

- Digital display for real-time monitoring
- Adjustable settings for customized protocols
- Robust construction for durability
- Integrated sample holder
- Advanced penetration measurement system