

EXTENSOMETER

Meaning: An extensometer is an instrument used to measure the deformation or strain of materials when subjected to stress.

1. An extensometer is crucial for measuring the deformation of materials under stress.
2. Researchers used an extensometer to accurately assess the tensile strength of the steel samples.
3. The extensometer provided real-time data on the elongation of the specimen during the experiment.
4. In engineering labs, an extensometer is often employed to evaluate the elastic properties of various materials.
5. To ensure precise measurements, the extensometer was calibrated before the testing session began.

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