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**Product Name :**  
Creep Testing Machine

**Product Code :**  
SCHOOL-MAT790003



**Description :**

Creep Testing Machine

**Technical Specification :**

This simple machine uses specimens of lead and different plastics which creep significantly at room temperature and under low loads. Its main part is a simple lever (load beam) with a mechanical advantage of 8:1. The load beam gives a steady and uniform tensile load. A digital indicator measures the extension (creep) of the specimen under load. For effect-of-temperature tests, the student freezes or heats a cool-pack and places it next to the specimen. To ensure correct loading of the specimen, the load beam has a ball-bearing pivot. To apply a load, students add weights to a weight hanger and measure time and the creep. They then fit the transparent enclosure to preserve the temperature around the specimen during the test.

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**School Educational Instruments**

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