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Product Name : Creep and Stress Rupture Testing Machine Under High Temperature	**Product Code :** LBNY-0005-1540001

Description :

The lever arm type machine has been specifically designed for long-time Creep and Stress Rupture test applications that involve maintaining constant loads for extended periods of time.
Through the mechanical advantage of the lever arm loading system, constant loads may be maintained with a high degree of accuracy for long durations, using dead weights, without the continuous operation and dependency of a mechanically powered drive.
Remote communication control function saves your operators invigilation during testing process; alarm message can be transmitted to your mobile phone to inform you test situation by equipping with special dial number device.
This model may be configured for either room temperature or elevated temperature operation. A variety of temperature rated test fixtures and extension measurement device for the measurement of elongation on creep test applications are also available. The lever arm Creep and Stress Rupture machines are an economical alternative to traditional electro-mechanical or hydraulically loading universal testing machines which have higher initial purchase prices and greater long term operating costs.
Numerous high temperature pull rods, specimen holders, furnace systems and extensometers available for creep and stress Relaxation applications. Many of which are also adaptable to hot tensile testing applications on universal testing machines.

Technical Specification :

Motorized draw-head assembly automatically compensates for specimen elongation and keeps loading bar with excellent load accuracy of +/- 0.5% guaranteed.
Both room temperature and elevated temperature systems are available

Control system owns the three closed control function as load control, extension control, and velocity control.
High precise control and accurate load with load measurement resolution reach 1/300000; the loading testing curve can be plotted automatically.
Furnace and chambers available with temperature ranges from 200C to 1100Cin common air environments.

Laboratory Instrument India