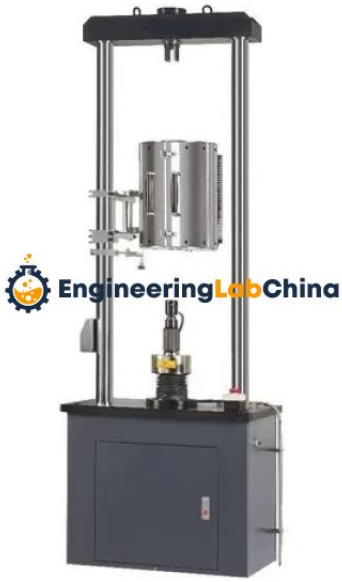
Product Name : Remote Communication Control High Temperature Creep Testing Machine	**Product Code :** CHINAELABC3050003



Description :

Remote Communication Control High Temperature Creep Testing Machine

Technical Specification :

This Series creep testing machine applies advanced servo motor and ball screw actuator which assure loading conveniently and simply.
The drive system comprises a printed circuit motor with toothed belt and gearbox to the recirculating ball screw actuator.
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
Furnace and chambers available with temperature ranges from 200C to 1100Cin common air environments
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.
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.

Force range (kN): 0.12-30
Calibration accuracy: class 0.5/1
Force accuracy: 0.5%/ 1%
Force fluctuation: 0.5%/ 1%
Force resolution (minimum weight set): 1N

Axis alignment: 10%
Extension measurement range(mm): 0-10mm
Extension accuracy: 0.5%
Force rage (N/s): 2500
Lower pull rod travel (mm): 200
Lower pull rod speed (mm/min): 0.05-100
Leveling motor power: 750W
Dimension: 7805802260(mm)
Furnace type: Three-zone, open
Temperature range: 200~1100C
Uniform temperature zone: >150mm
Inside dimension: 110350mm
Outside dimension: 310450mm
Heating power: 3kW
Temperature fluctuation: 300~600C: 2C
600~900C: 3C
900~1100C: 4C
Creep Measurement
Max temperature: 1000C
Measurement range: 0-10mm
Accuracy: 0.5%
Resolution: 0.001mm