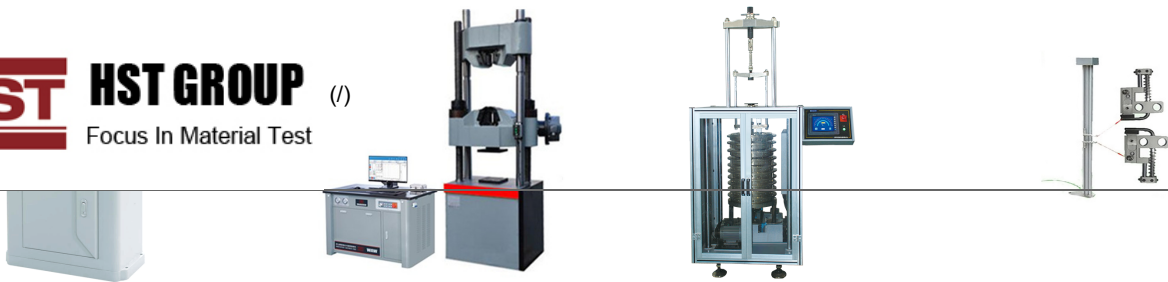




RHW-10kN Series Electronic High-temperature Endurance Creep Testing Machine

Product description:

1. Application Testing machine is mainly used to measure performance and creep rupture strength properties of various metals and alloys at high temperatures, it is special equipment for studying and t



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PRODUCT DETAILS

PRODUCT VIDEO

1. Application

Testing machine is mainly used to measure performance and creep rupture strength properties of various metals and alloys at high temperatures, it is special equipment for studying and testing materials performance in the iron and steel metallurgy, aerospace, scientific research institutes, universities, and quality inspection departments.

2. Standards

- 2.1 GB/T2611-2007 <testing machine universal technical requirements>"
- 2.2 Test Standard: JJG276-88 <high-temperature creep rupture strength testing machine>
Test methods: GB / T2039-1997 <metal tensile creep and endurance test method>
HB5151-1996 <metal high temperature tensile creep test method>
HB5150-1996 <metal high temperature tensile endurance test method>
- 2.3 GB/T16825.2-2005 static uniaxial testing machines - Part II: <tensile creep testing machine applied force test> standard technical requirements

3. Specifications

Host parameters	
Model	RHW-10kN
Max. Load force	10kN
Class	0.5
Load Range	0.4%-100%
Resolution of Load Force	1/300000 of Full Scale
Relative Error of Load force Reading	±0.5%
Lower pull rod speed	0.01-100mm/min
Lower Stroke	200mm
Power Supply	AC380V hearth size±10% ; 50Hz
Electric stove and temperature control system	
High temperature stove type	Folio-style atmosphere furnace (three sections), electric wire heat
Temperature range	300 ~ 1100°C
Electric stove rise fall type	manual rotary
Heating power	5KW
Temperature controller variable	conductive temperature controller (Japan)
Creep measurements	
Test range of deformation	0 ~ 10mm
Error of deformation reading	≤0.5%FS
Resolution of deformation	0.001mm