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RDJ Series Electronic High Temperature Permanent Creep Tester

Product description:

1. Function and Purpose: Creep test machine is applicable to do creep and durable strength test in the condition of high temperature for all kinds of metal and alloys materials, to test creep limit, d



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PRODUCT DETAILS PRODUCT VIDEO

1. Function and Purpose:

Creep test machine is applicable to do creep and durable strength test in the condition of high temperature for all kinds of metal and alloys materials, to test creep limit, durable strength limit etc. of material.

2. Application:

This creep test machine is applicable to the field of quality measurement, aerospace, iron and steel metallurgy, machinery manufacturing, electronic appliances, automobile production, civilian nuclear energy, civil aviation, universities, research institutes, commodity inspection, arbitration and other industries.

3. Test Standard:

- 1) JB/T9373-1999 tensile creep test machine technology specifications
- 2) JJG276 high temperature creep and durable test machine
- 3) HB5151-1996 metal high temperature tensile creep test method
- 4) HB5150-1996 metal high temperature tensile durable test method
- 5) ASTM E139 Standard test methods for conducting creep, creep-rupture and stress rupture test
- 6) ISO 204 Metallic materials uniaxial creep testing in tension.
- 7) ISO/R 206 Creep stress rupture testing of steel at elevated temperature.

4. Parameters:

Load frame					
Model	RDJ-10/20	RDJ-50	RDJ-100	RDJ-200	RDJ-300
Max. Load force(kN)	10/20	50	100	200	300
Accuracy	≤0.5% ; 0.5 class				
Deformation accuracy	<±0.5% of reading				
Loading Speed	0.05 ~ 50mm/min				
Voltage	220V/380V±10% ; 50Hz				
Furnace					
Operating temperature range	300°C ~ 1100°C				
Effective Length constant length	150mm				
Furnace inner dimensions	Φ90*380mm				
Furnace out dimensions	Φ320*460(Can be adjusted according to user needs)				
Temperature control meter	Yudian Temperature control meter				
	Electric conduction Temperature control meter (optional)				
Thermocouple	K type Even thermocouple				
	S type Even thermocouple (optional)				

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CLASSIFICATION

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