

MCR Series Machinery High Temperature Permanent Creep Tester



Picture is for reference only

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.

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.

Parameters:

Load frame					
Model	MCR-10/20	MCR-50	MCR-100	MCR-200	MCR-300
Max. Load force(kN)	10/20	50	100	200	300
Accuracy	$\leq 1\%$; 1 class				
Deformation accuracy	$< \pm 1\%$ of reading				

Loading Speed	0.05~50mm/min
Voltage	220V/380V±10%; 50Hz
Furnace	
Operating temperature range	300℃~1100℃
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)