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CARE FOR YOUR TEST

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**High and Low Temperature Tensile Testing Machine with
Environmental Test Chamber
(50kN, 0.5 class)**



VICTORY TEST- Your reliable testing solution

Environmental Test Chamber



1. Introduction

This environmental test chamber is used for low and high temperature test of metal materials and non-metal materials, composite material, etc, the temperature range can be made according to the customer's requirement. For example, $-20^{\circ}\text{C}\sim+150^{\circ}\text{C}$. By means of relative test accessory, it can do tensile, compression, bending test.

2. System composed

This system is composed of chamber body, temperature control and measure display system, heating system, cooling system, temperature measure component, wind cycling system, adjustable mobile trolley, etc.

3. Specifications

Temperature range: $-20^{\circ}\text{C}\sim 150^{\circ}\text{C}$

Temperature measuring sensitivity: 0.1°C

Temperature measuring accuracy: $\pm 1^{\circ}\text{C}$

Chamber inside work room size: $400\text{mm}\times 500\text{mm}\times 500\text{mm}$ (WxDxH)

Chamber outside size: $600\text{mm}\times 700\text{mm}\times 600\text{mm}$ (WxDxH)

Insulation material thickness: $>80\text{mm}$

Main Technical Specifications:

Model	WDW-50
Host Machine Structure	double space
Max Load Capacity (kN)	50
Class of Machine	0.5
Load Range	0.4%-100% FS
Load Accuracy	Within $\pm 0.5\%$ of indicating value
Load Resolution	1/300000
Range of Deformation	4%-100%FS
Resolution of Deformation (mm)	0.001
Accuracy of Displacement	Within $\pm 0.5\%$ of indicating value
Resolution of Displacement (mm)	0.01
Range of Testing Speed (mm/min)	0.01- 500
Max Tensile Space (mm)	1000
Max Compression Space (mm)	1100
Clearance between columns (mm)	600
Total Power Supply	1-phase, 220V $\pm 10\%$, 50Hz
Host Machine Dimension (mm)	900 \times 520 \times 2450
Net Weight (kg)	800

To learn more about this 200kN/300kN testing equipment, please contact us- **Email: sales@victorytest.com**