

Ring Stiffness Compression Testing Machine

This testing machine is widely used in steel metallurgy, building materials, aerospace, machinery, and wire and cable industries. It performs material tests and analysis for scientific research institutions, universities, and industrial applications.



Product Overview

Precision Ring Stiffness Testing

This microcomputer-controlled testing machine is engineered for high-precision analysis of ring stiffness and compression properties. It is widely utilized across industries including steel metallurgy, aerospace, wire and cable, and plastics for material testing and research. The system features advanced servo motor control, real-time data visualization, and automated test reporting, ensuring reliable performance and full compliance with GB/T9647-2003 standards.

Technical Specifications

Key Performance Metrics

1 % Load Accuracy	1 % Deformation Accuracy	0.01 mm Displacement Resolution
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Model Specifications

Model	Max Load	Test Width
WDW-10H	10kN	370mm
WDW-20H	20kN	370mm
WDW-50H	50kN	450mm
WDW-100H	100kN	450mm
WDW-200H	200kN	500mm
WDW-300H	300kN	500mm

Available Models

WDW-10H, WDW-20H, WDW-50H, WDW-100H, WDW-200H, WDW-300H

System Features

Supported Test Types

- Ring Stiffness
- Ring Flexibility
- Tension
- Compression
- Bending

Control System Details

Microcomputer Control • Real-time Data Display • Servo Motor Control • Precision Ball Screw