



Jinan Victory Instrument Co., Ltd

Add: No. 2-9 Qilihe Rd, Licheng Dist., Jinan, China. 250100

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WAW-L Series Single Test Zone Tensile Strength Testing Machine (600kN, 1000kN, 2000kN, single test zone, 0.5 class)

Big advantages:

- ✧ Hydraulic operated tensile grip
- ✧ Piston moves up and down quickly, save time for continues test
- ✧ Lower test space, it is convenient for operator for specimen installation, high testing efficiency



VICTORY TEST- Your reliable testing solution



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1. Applications:

WAW-L Series Single Test Space Computerized Tensile Testing Machine is a single test space on the lower position of load frame, with oil-cylinder mounted on the top position. Due to large and lower test space, quickly loading speed, it makes it more flexible for tensile testing of large strength metal materials, especially suitable for long length specimen, like deformed steel bar, etc. It greatly improves the test efficiency, it is very popular in some big steel and iron manufacturing companies for high testing frequency.

It adopts four column structure, high stiffness. It uses high accuracy load cell to measure testing force, encoder to measure displacement of piston stroke, electric extensometer to measure extension. Close loop control software can auto get test ultimate tensile strength R_m , yield strength R_{eH} , max. testing force F_m , non-proportional extension $R_{p0.2}$, elongation rate $A\%$, etc testing results. In testing standard, it conforms to international standards, like BS 4449, ASTM A615, ISO6892, ASTM E8, JIS Z2241, etc.

2. Main specifications:

- 2.1 Max. Test force: 2000 kN (or 600kN, 1000kN)
- 2.2. Measurement range of accuracy: 1%-100%;
- 2.3 Testing force accuracy: $\pm 0.5\%$ of reading value
- 2.4. Control range of stress rate: 1-60MPa/S;
- 2.5. Adjust range of test stress rate: $1\text{N/mm}^2\text{S}^{-1}$ - $60\text{N/mm}^2\text{S}^{-1}$;
- 2.6. Adjust range of test strain rate: 0.00025/S-0.0025/S;
- 2.7. Precision of deformation measurement: $\pm 0.5\%$;
- 2.8. Precision of displacement measurement: $\pm 1\%$;
- 2.9. Control range of displacement rate: 0.5mm/min-200mm/min;
- 2.10. Maximum tensile space: 650mm;
- 2.11. Clamping diameter of rebar: $\phi 20$ - $\phi 50$ mm;
- 2.12. Clamping thickness of flat specimen: 0-50mm;
- 2.13. Diameter of upper and lower plate: 300x450mm;
- 2.14. Piston stroke: 650mm;
- 2.15. Power supply: 3-phase 4-wire, 380V, 50 Hz, 7.5kW
- 2.16. Dimension: Host machine 1280x880x3700(mm) Power pack: 850x1060x1220(mm)
- 2.17. Weight: Host machine 7500kg, Power pack: 800kg.

To learn more about this testing equipment, please contact us- Email: sales@victorytest.com