Лабораторне обладнання Реалізація Ремонт Модернізація Виготовлення обладнання за ТЗ замовника

тов втл "Асма-прилад"



WDW-50E.100E.200E

This floor-standing type computerized electromechanical UTM is applicable for tensile, compression, bending test of metal materials and non-metal materials. The machine is calibrated according to ASTM E4 and ISO75001 international standard. They are essential testing instrument for quality testing section, university and colleges, research institution and industrial and mining enterprise.

Main Technical Parameters:

| Model | | WDW-50 | WDW-100 |
|----------------------------|----------------|--|---------------|
| Specifications | | WDW-30 | V/D/V-100 |
| Force Range (kN) | | 0.1~50 | 0.2~100 |
| Force Accuracy | | ±0.5% of applied force | |
| Force Resolution | | Max. testing force 1/300000 | |
| Position Accuracy | | ±0.5% | |
| Position Resolution (um) | | 0.03 | |
| Test Zones | | Dual (upper for tensile, lower for compression/bending) | |
| Test Speed Range | | 0.005mm/min~500mm/min, servo control | |
| Strain Accuracy | | ≤±0.5% | |
| Strain Range | | 2%~100% | |
| Crosshead Travel (mm) | | 700 | 600 |
| Compression Space (mm) | | 700 | 600 |
| Space Between Columns (mm) | | 570 | 600 |
| Jaw dimension (mm) | flat thickness | 0~14 | 0~14 |
| | round diameter | φ4~φ20 | φ4~φ20 |
| Power Requirement | | 1 phase, 220V±10%, 50Hz | |
| Environmental Requirements | | Room temperature \sim 40°C, humidity <80% | |
| Frame Dimension (mm) | | 945×654×2176 | 1010×750×2210 |
| Frame Weight (kg) | | 700 | 1100 |

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