

# ELECTRO-HYDRAULIC SERVO UNIVERSAL TESTING MACHINE

## METZ - UTM 1000D



### **MAIN APPLICATION**

UTM-1000D computer controlled electro-hydraulic servo universal testing machine adopts oil cylinder lower type and four column host, which is mainly used for tensile, compression, bending and shear tests of metal and non-metal. It is suitable for metallurgy, construction, light industry, aviation, aerospace, materials, colleges and universities, scientific research institutions and other fields. The test operation and data processing comply with the requirements of GB/T 228.1-2010 <<Metallic materials-Tensile Testing-Part 1: Method of Test at Room Temperature>>.

### **MAIN TECHNICAL PARAMETERS**

- Max. Test load: 100KN
- Max. Tensile testing space: 600mm
- Compression testing space: 500mm
- Piston travel: 200mm
- Distance between columns: 450mm
- Clamping range of round specimen:  $\Phi 6$ - $\Phi 13$ mm,  $\Phi 13$ - $\Phi 26$ mm,  $\Phi 26$ - $\Phi 40$ mm
- Clamping thickness of flat specimen: 0-15mm, 15-30mm
- Max. clamping width of flat specimen: 80mm
- Pressing plate size:  $\Phi 160$ mm
- Maximum distance between two points of bending fulcrum: 380mm
- Bending roll width: 140mm
- Clamping means: Hydraulic clamping
- Dimensions: 780\*680\*2130mm
- Motor power: 0.75KW
- Weight: 1400KG
- Hydraulic station weight:

### **METZER OPTO INC.**

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