

DIGITAL DISPLAY ELECTRONIC UNIVERSAL TESTING MACHINE

METZ – UTM 50D



MAIN APPLICATION

UTM-50D is widely used in tensile, compression, bending and shear tests of metal and nonmetal materials. With a variety of accessories, it can also be used to test the mechanical properties of profiles and components. It also has a very wide application prospect in the field of rope, belt, wire, rubber, plastic and other materials with large sample deformation and fast test speed. It is suitable for quality supervision, teaching and scientific research, aerospace, iron and steel metallurgy, automobile, construction materials and other experimental fields

MAIN TECHNICAL PARAMETERS

- Maximum test force: 600kN
- Relative error of indication: better than $\pm 1\%$ of indication
- Effective force measuring range: 0.4% – 100% FS
- Speed regulation range: 0.01 ~ 300mm / min (stepless speed regulation)
- Speed accuracy: better than $\pm 1\%$ of the indicated value
- Displacement resolution: 0.0025mm
- Displacement measuring accuracy: better than $\pm 1\%$ of the indicated value
- Effective tensile test space: 600mm
- Effective compression space: 550mm
- Effective test width: 600mm
- Working environment: room temperature 10 ~ 35 , humidity 20% ~ 80%
- Power supply: three-phase, 380V $\pm 10\%$, 50Hz
- Host size: 1200 × 1050 × 2690mm
- Weight: 2800k

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