

COMPUTER CONTROLLED ELECTRONIC UNIVERSAL TESTING

METZ – UTM 600E



MAIN APPLICATION

UTM-600E computer controlled electronic universal testing machine is mainly used for testing and analyzing the tensile, compression, bending, shearing, tearing, peeling and other mechanical properties of non-metallic materials, such as metal wire, rubber plastic, waterproof roll, wire and cable, chemical fiber textile, etc. according to GB, ISO, JIS, ASTM, DIN and various standards provided by users. It is an ideal testing equipment for scientific research institutes, colleges and universities, industrial and mining enterprises, technical supervision, commodity inspection and arbitration departments.

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: 2800kg

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