



## ELECTRO-HYDRAULIC SERVO CONTROL UNIVERSAL TESTING MACHINE 1000kN

Standard: BS EN 10002-1, ISO 7500-1, ASTM A370

### Tensile & Compression

This TT 6000 Series UTM used for the mechanics property test such as the tensile, bending, compression and etc to various metallic and non-metallic materials. The testers have been developed according to BS EN 10002-1, ISO 7500-1 & ASTM A370 "Metal Tensile Test Method" with the adoption of the electro-hydraulic servo control and electronic measurement. It can automatically process the test result for statistical purpose and print default or user-defined test report.

TT 6000 Series UTM use the micro-computer automatic data collection and processing, real time display of the test data and curves. It has the functions such as unlimited storage of test result in the computer, printing the test results and curves, processing the batch test result report, managing the database and so on. It also has the network interface. It can automatically seek the multiple technical parameters such as elastic module E upper yield strength ReH, lower yield strength REL, stipulated non-proportional elongation intensity Rr, tensile strength Rm, stipulated total elongation intensity Rt, yield point percentage elongation and etc.

TT 6000 Series UTM have the features such as the high precision, advantage performance, high reliability, convenient operation and etc.

### OPERATION DISPLAY

Computer Screen Display unit with the following functions

- \*Test force display
- \*Break detection
- \*Full auto test range switching function
- \*Auto return function
- \*Peak / Break value display function
- \*Test conditions