

## Servo-electric Universal Tensile and Pressure Test Device

- System operation electro electrically using wing screw and AC Servo motor and driver with Close Loop control system
- Ability to perform tests: Tensile test, Compression, Cyclic, Bending, Creep Relaxation in accordance with international standards ASTM, DIN, EN, ISO
- Ability to install specialized jaws, internal and external extensometers and the ability to install a furnace and perform hot testing up to a temperature of 1000 °C
- Equipped with C3 class load cells in different capacities with a combined error of less than 0.02% full scale (< +0.02% FS)
- Equipped with accurate displacement sensor to measure device cross head displacement
- Included with a powerful software under the Windows operating system and providing a complete test report without restrictions, storage and retrieval of previous test data
- Full computer device control and connection via USB port with power calibration capability and extensometer displacement

