

# Computer Controlled Mechanical Electronic Universal Testing Machine WDW-10E (ISO7500-1999)

#### **Specifications:**

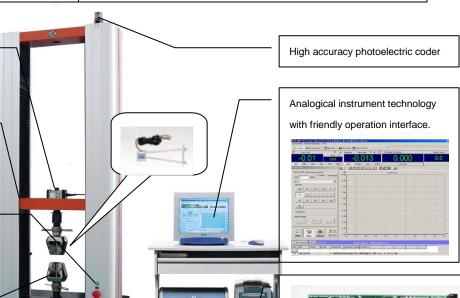
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Model No.	WDW- 10E (Full computer controlled UTM 20kN)
Machine Type:	Bench / Floor type, Twin columns structure.
Max Load Capacity:	10kN [0.4% ~ 100% of total test load (0.04kN ~ 20kN)]
Basic Test type:	Tensile, bending, compressing etc.
Specimen shape:	Flat, Block, Round stick etc.
Crosshead displacement velocity:	0.005mm/min ~ 500mm/min stepless control
Accuracy:	Better than 1%
Ball screw column accuracy:	16μm/300mm Class E
Resolution of displacement:	0.001mm
Dimension of Load frame:	750mm x 500mm x 1820mm
Net Weight of Main body:	450kG
Power supply:	220V 50 Hz single phase (60Hz acceptable)

Overload protect High accuracy Force transducer (Load cell).

Cross head displacement restrict,
Un-tangency photoelectric transducer
Safe and reliable to control

A separate control box is set to provide multi-controlling of Crosshead up/down and emergency stop.

Manual Wedge tensile grip, firmly hold the specimen.



## Standard Accessory







Plug In PCI control card, suits all kinds of personal computer and main board.
Full digital measure and control circuit Provided with Load, displacement & Deformation different measuring channel Close loop control by simply software Configuration.

采用贴片技术的试金控制器



#### Standard Delivery items of WDW series

Tension grip jaws (Wedge action Grips)	1 set
Grips for round specimen: (Φ4 –Φ14)	4pcs for each
Grips for flat specimen: (0 – 14)	4pcs for each
Compression test attachment:	1 set
Bending test attachment:	1 set
Tool kit:	1 set
Extensometer: (YYU-5020)	1 set
Photoelectric coder:	1 pc
Load cell: (10kN load cell)	1 pc
Data-processing system: (TIME plug-in ready to use controller)	1 set
TIME software: V 1.90.P (or higher version)	1 set
Printer:	1 set
Computer table:	1 set
Servo speed adjusting system for WDW	1 set
Servo speed adjusting motor for WDW	1 set

## **Documents provide:**



- 1. User's Manual for WDW-10E.
- 2. User's Manual for the Software WinWDW®
- 3. Computer's Documents issued by Manufacturer Lenovo<sup>TM</sup>
- 4. Certification for eligibility
- 5. Packing List

#### Guarantee: 01 year

#### Other Features:

- 1. Programable Testing Software: Enable the operator to program individual test process to meet different test standards. (GB, ISO, ASTM etc.) User can also define own parameters to make it tested with this program.
- 2. Test report creation: User can input needed parameters to the program, the software will create test report once the test is finished. User also can define the customized test report with MS EXCEL® (separate purchase) function.
- 3. Manual or programmed test control, Open or close loop control. Switchable testing methods.
- 4. Tensile distance: less than 570mm (with tension grips); Compression distance: less than 570mm
- 5. Overload protection preset in software.