


## Computer Controlled Mechanical Electronic Universal Testing Machine WDW-100 (ISO7500-1999)

**Specifications:**

<b>Model No.</b>	<b>WDW- 100 (Full computer controlled UTM 100kN)</b>
<b>Machine Type:</b>	<b>Floor type, Twin columns structure.</b>
<b>Max Load Capacity:</b>	<b>100kN [0.4% ~ 100% of total test load (0.4kN ~ 100kN)]</b>
<b>Basic Test type:</b>	<b>Tensile, bending, compressing and shearing, LCF etc.</b>
<b>Specimen shape:</b>	<b>Flat, Block, Cylindrical stick etc.</b>
<b>Crosshead displacement velocity:</b>	<b>0.005mm/min ~ 500mm/min stepless control</b>
<b>Accuracy:</b>	<b>Better than 1%</b>
<b>Resolution of Crossbeam displace:</b>	<b>0.01mm</b>
<b>Dimension of Load frame:</b>	<b>1110mm x 850mm x 2235mm</b>
<b>Net Weight of Main body:</b>	<b>1000kG</b>
<b>Power supply:</b>	<b>380V 50/60 Hz</b>



Overload protect High accuracy Force transducer (Load cell).

High accuracy photoelectric coder

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

Analogical instrument technology with friendly operation interface.

Manual Wedge tensile grip, firmly hold the specimen.

Direct™ Controller with inner set ISA/PCI amplifier perfectly achieves the Plug & Plug and Open & Close loop control. Constant speed strain control for the testing process.

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

**Standard Accessory**



**Standard Delivery of WDW series**

Tension grip jaws	1 set
Grips for round specimen:	4pcs for each
Grips for flat specimen:	4pcs for each
Compression test attachment:	1 set
Bending test attachment:	1 set
Shearing test attachment:	1 set
Tool kit:	1 set
Extensometer: (50mm 25mm)	1 set
Photoelectric coder:	1 pc
Transformer:	1 pc
Load cell:	1 pc
Data-processing system:	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-50.
2. User's Manual for the Software WinWDW®
3. Computer's Documents issued by Manufacturer Lenovo™
4. Certification for eligibility
5. Packing List

**Guarantee: 01 year**

**Optional Accessory: Screw Tensile Attachment**

