



Original	OFFER SHEET
WEW-300D Computer Display Hydraulic Universal Testing Machine	
<p>Brief Introduction: WEW-300D computer display hydraulic manual control universal testing machine is mainly used to execute the tension, compression, bending, flexural etc. test for metal materials. Attached with simple accessories and devices, it can be used to test wood, concrete, cement, rubber, and so on. It is very suitable for making test to different metal or nonmetal materials under high toughness and hardness against extreme big loading force.</p> <p>?</p> <p>Standards: In accordance with or exceed the requirements of the ISO6892.</p> <p>D Type Load Frame: The oil cylinder is at the bottom of the load frame. Tension space is at the upside and compression & bending spaces are between lower crosshead and working table. It is adopting oil hydraulic power to push the piston in the oil cylinder to provide loading force. The lower crosshead is driven by motor through decelerator, chain transmission device and screw pair to realize the adjustment of testing space.</p> <p>Measuring System: The machine adopts oil pressure transducer to measure load and use photoelectric encoder to measure the displacement. The computer is timely collecting the testing parameters like loading force, stroke etc. Our Winwew software based on Windows system is able to display the load, load peak value, deformation, testing curves etc. very easily, and can make automatic calculating of test results, i.e. tensile strength, up / low yield strength, Non proportional stress point etc. Report creation function makes it is very simple to make testing report in your needed format.</p> <p>Applications: It is widely used in different steel works, engineering areas, quality control department, universities and institutes as well as other areas and works.</p> <p>Features:</p> <ul style="list-style-type: none"> ◆ Full computer displayed of testing process. ◆ Manual loading speed will meet your appropriate testing speed. ◆ Stable and reliable high intensity 2 columns and 2 reeling screw columns structure load frame. ◆ Adopt oil-hydraulic automatic clamping which can be operated by separate control box. ◆ Timely display software will provide accurate record of testing process. ◆ Report guide will create your testing report very easily. ◆ Overload protection will secure operators. 	
<div style="border: 1px solid black; border-radius: 15px; padding: 10px;"> <p><u>Common sense:</u> The differences between WAW, WEW and WE series testing machines</p> <p>WAW Series is computer controlled servo hydraulic universal testing machine. The space adjusting, & test processes could be controlled by the software and the test result could be transferred to the software in the computer for further analysis. It is the most advanced series in hydraulic universal testing machines.</p> <p>WEW Series is computer display manual control hydraulic universal testing machine. The space adjusting & force loading could be executed by manual control. The test result could also be transferred to the software for further analysis.</p> <p>WE Series is pendulum dynamometer display manual control universal testing machine. The space adjusting & force loading could be executed by manual control, and the test result could be shown through dynamometer.</p> </div>	

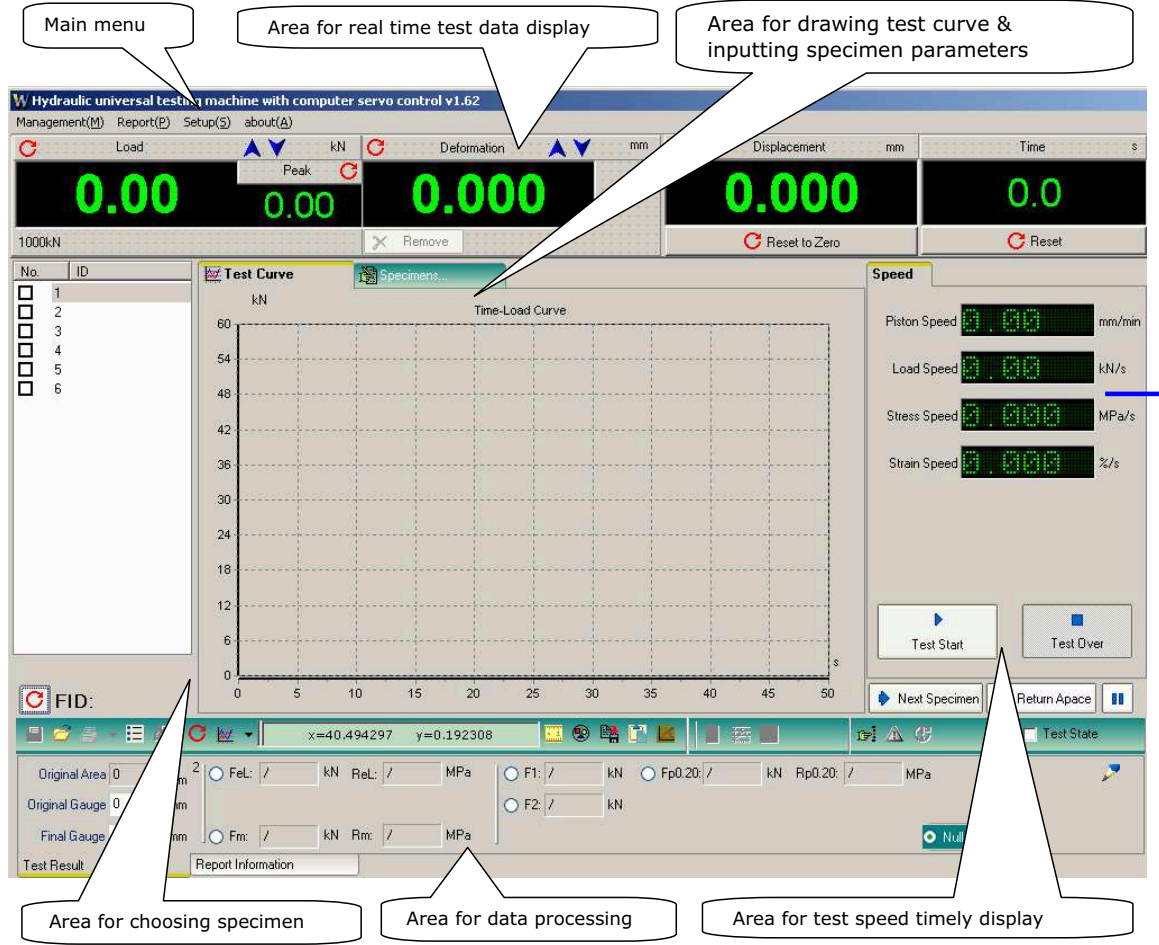


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Specification		WEW-300D	
Max. capacity (KN)		:	300
Measuring range		:	2%-100% of FS
Relative error of reading		:	≤±1%
Clamping method		:	Hydraulic clamping
Round specimen clamping range(mm):		:	Φ10-Φ32
Flat specimen clamping range(mm):		:	0-15
Flat specimen clamping width(mm)		:	80
Max. tension test space (mm)		:	650
Max. compression test space (mm)		:	550
Control cabinet dimensions (mm)		:	610*700*1100
Load frame dimensions (including piston stroke) (mm)		:	840*620*2210
Motor power (KW)		:	2.1
Load frame weight (KG)		:	1600
Column net distance (mm)		:	520
Compression platen size (mm)		:	Φ160
Span of bending roller (mm)		:	240
Width of bending roller (mm)		:	140
Allowable camber (mm)		:	100
Shearing specimen diameter (mm)		:	Φ10
Max. piston stroke (mm)		:	200
Piston max. speed (mm/min)		:	Approx. 70
Crosshead max. speed (mm/min)		:	Approx 160

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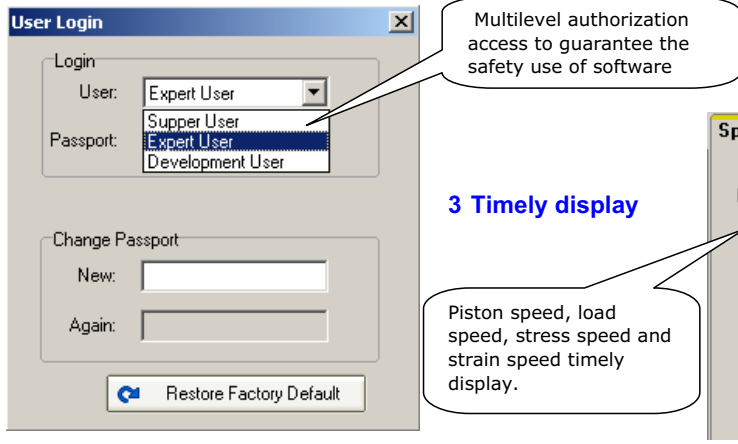
Introduction of WEW Series Software

1 Software Main Interface



The screenshot shows the main interface of the WEW Series Software. It includes a menu bar (Management, Report, Setup, about), a status bar (Load, Deformation, Displacement, Time), and a central graph area (Time-Load Curve). Callouts identify various components: 'Main menu' points to the top bar; 'Area for real time test data display' points to the central graph; 'Area for drawing test curve & inputting specimen parameters' points to the graph area; 'Area for choosing specimen' points to a list on the left; 'Area for data processing' points to a bottom status bar; and 'Area for test speed timely display' points to a speed control panel on the right.

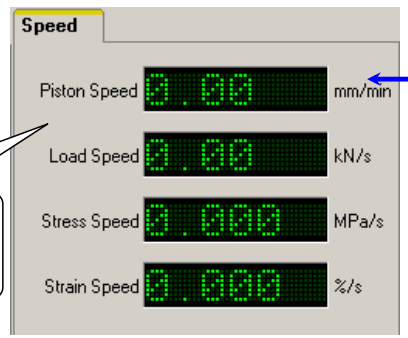
2 Multilevel authorization access



The screenshot shows the 'User Login' dialog box. It has fields for 'User' (a dropdown menu) and 'Passport'. The 'User' dropdown is open, showing options: 'Expert User', 'Supper User', 'Expert User', and 'Development User'. A callout points to this dropdown with the text: 'Multilevel authorization access to guarantee the safety use of software'. Below the login fields are 'Change Passport' fields (New, Again) and a 'Restore Factory Default' button.

3 Timely display

Piston speed, load speed, stress speed and strain speed timely display.



The screenshot shows the 'Speed' control panel with four digital displays: 'Piston Speed' (0.00 mm/min), 'Load Speed' (0.00 kN/s), 'Stress Speed' (0.000 MPa/s), and 'Strain Speed' (0.000 %/s). A blue arrow from the 'Area for test speed timely display' callout in the previous section points to this panel.



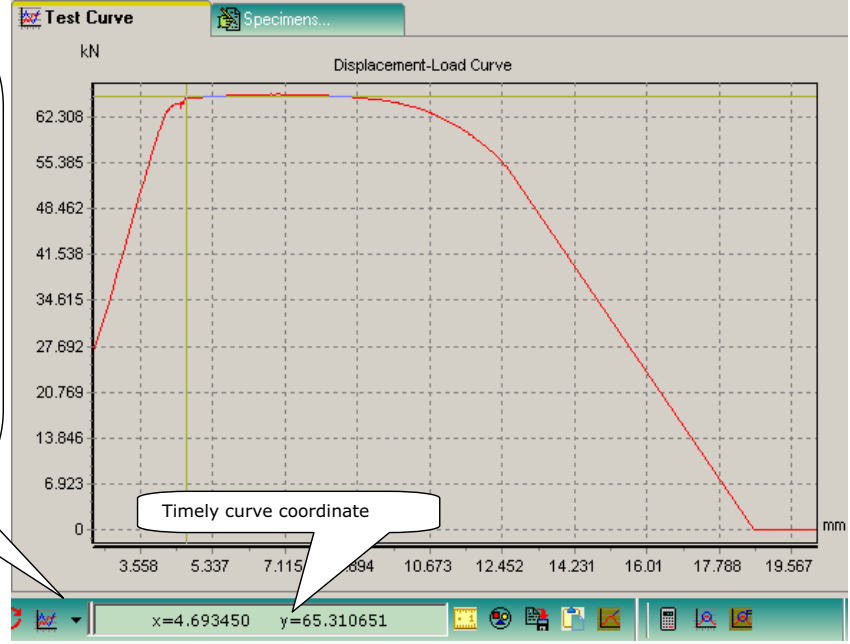
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Introduction of WEW Series Software

4 Curves switching option

Diversified curves choice

- Time-Load Curve
- Displacement-Load Curve
- Deformation-Load Curve
- Displacement-Stress Curve
- Deformation-Stress Curve
- Strain-Stress Curve**
- Time-Stress Curve
- Time-Strain Curve
- Time-Displacement Curve
- Time-Deformation Curve
- Display Giving Curve



5 Units could be converted as per your requirement based on International System of Units

Conversion Units

Setup | Comment

Load Unit: kN Stress Unit: MPa

Deformation Unit: kN, Kip, Lbs, Kg, N

Modulus of Elasticity Unit: GPa

Displacement Unit: N Specimens Size Unit: mm

Enable and Return | Cancel

- Load Unit: kN, Kip, Lbs, Kg, N
- Deformation Unit: mm, inch
- Displacement Unit: mm, inch
- Stress Unit: MPa, Psi, Kg/sc
- Modulus Elasticity Unit: GPa, Ksi
- Specimens Size Unit: mm, inch

6 Over load protection and stop condition setting

System Protection Setup

Machine Stop | Test Over

Deformation exceeds 5 %Full Scale

Control Error

Load control error exceeds 40 kN

Displacement control error exceeds 50 mm.

Deformation control error exceeds 2 mm.

Displacement

exceeds 75 mm.

less than -75 mm.

Enable and Return | Cancel

Data Processing Option

Item Selection | Modulus of Elasticity | Process Control | Deal With Fracture Poi

Max. force point----Fn&Rm Percentage elongation after fracture----A

Upper yield point----FeH&RelH Percentage reduction of area----Z

Lower yield point----FeL&RelL Ratio of Rm/Rel

Break point----Fb&Rb Ratio of Rel/Re

Proof point of non-proportional extension----Fp&Rp 0.2 0.5

Measured by Displacement transducer

Proof point of total extension----Ft&Rt 0.5 0.7

Measured by displacement transducer.

Percentage total elongation at Max. force----Ag

Percentage non-proportional elongation at max force----Ag(Option)

Percentage yield point extension----Ae(Option)

Display rounded result on result panel Can input bend etc. result.

Enable and Return | Cancel

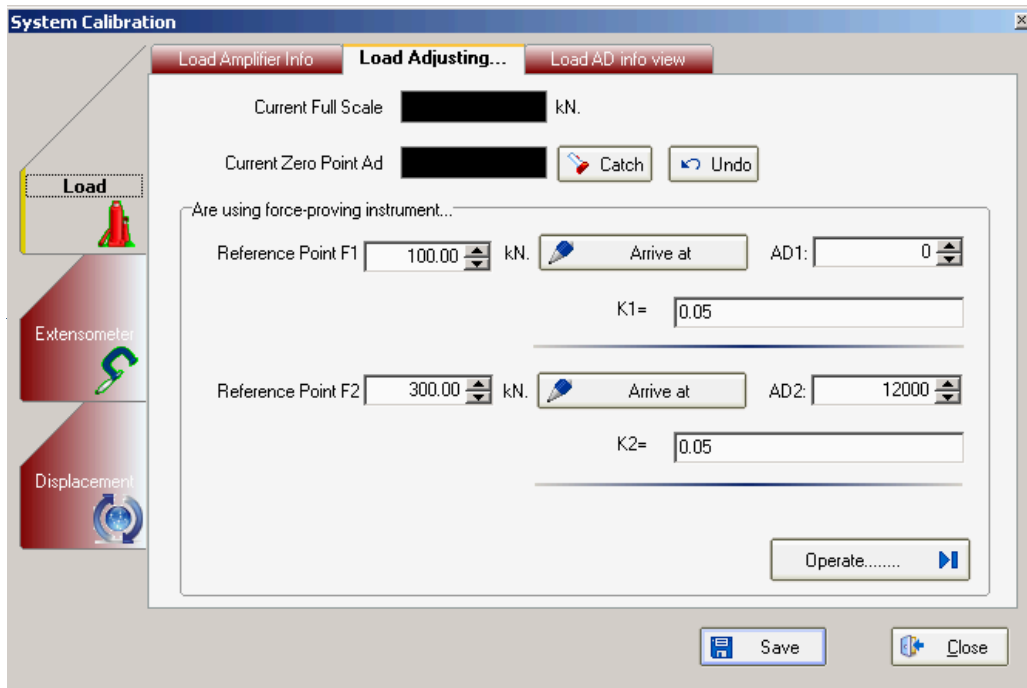
7 International standard test results process method input

For more functions, please enquiry our sales manager.

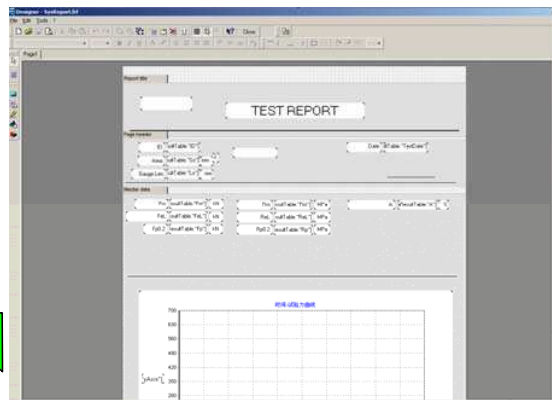
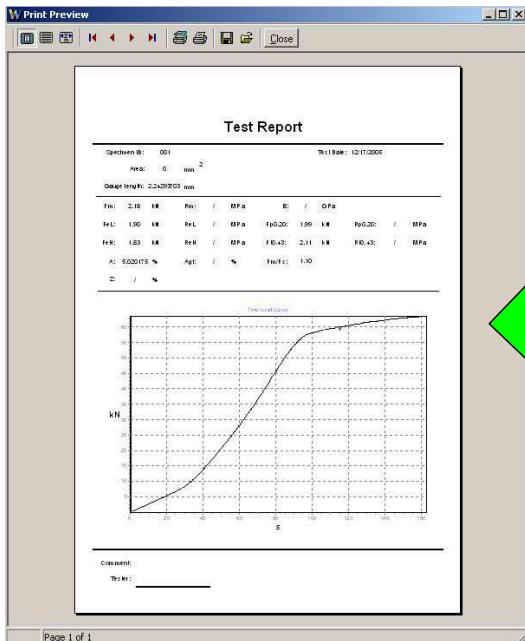
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Introduction of WEW Series Software

8 Easy software calibration



9 Firendly test report



Customization of test report





	A	B	C	D	E	F	G	H	I	J	K
1	Max	0	0	3.05	0	0	2.55	0	2.69	0	0
2	0	470.4	50	335.5	715	0	280.9	595	280.6	595	0
3	0	470.4	50	335.5	715	0	280.9	595	280.6	595	0
4	0	470.4	50	345.35	719	0	285.3	590	291.9	600	0
5	0	441.9	0	336.9	753.3	0	291.6	650.6	283.35	643.3	0
6	0	441.9	0	336.9	753.3	0	291.6	650.6	283.35	643.3	0
7	0	470.4	50	335.5	713.2	0	280.9	597.2	280.6	595.5	0
8	0	0	0	3.05	0	0	2.55	0	2.69	0	0
9	0	0	0	22.35	0	0	0	0	0	0	0
10	0	0	0	22.35	0	0	0	0	0	0	0
11	0	470.4	50	335.5	713.2	0	280.9	597.2	280.6	595.5	0
12	0	470.4	50	345.35	709.4	0	292.2	600.2	291.9	600	0
13	0	0	0	0	0	0	0	0	0	0	0

The test report could be customized as per your requirements and be transferred to Excel easily for further analysis.



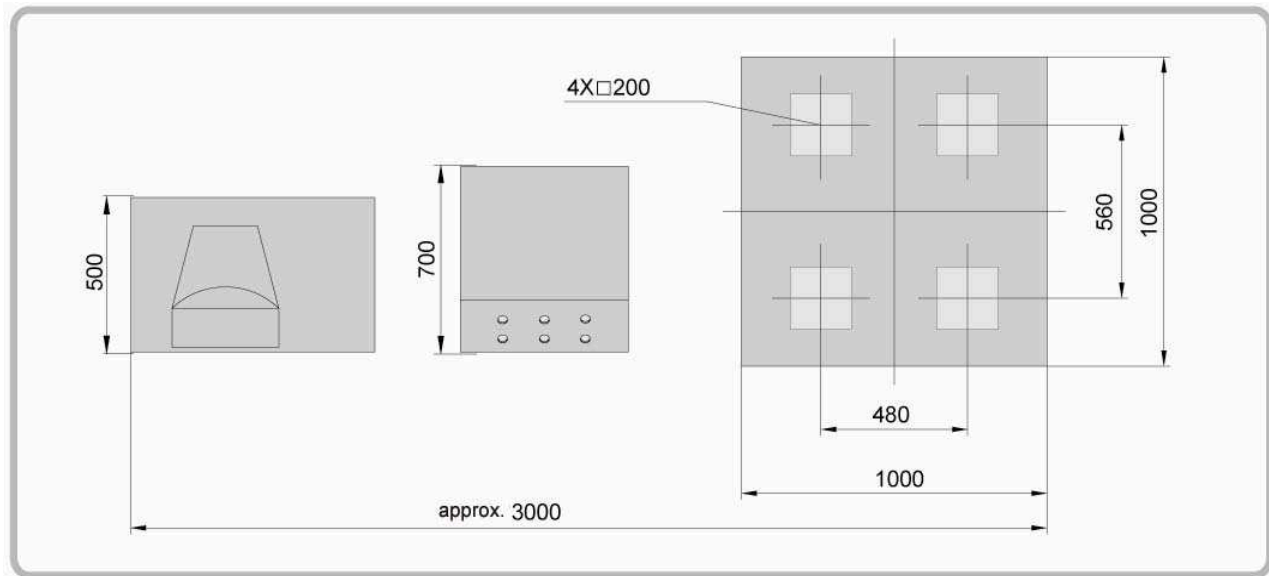
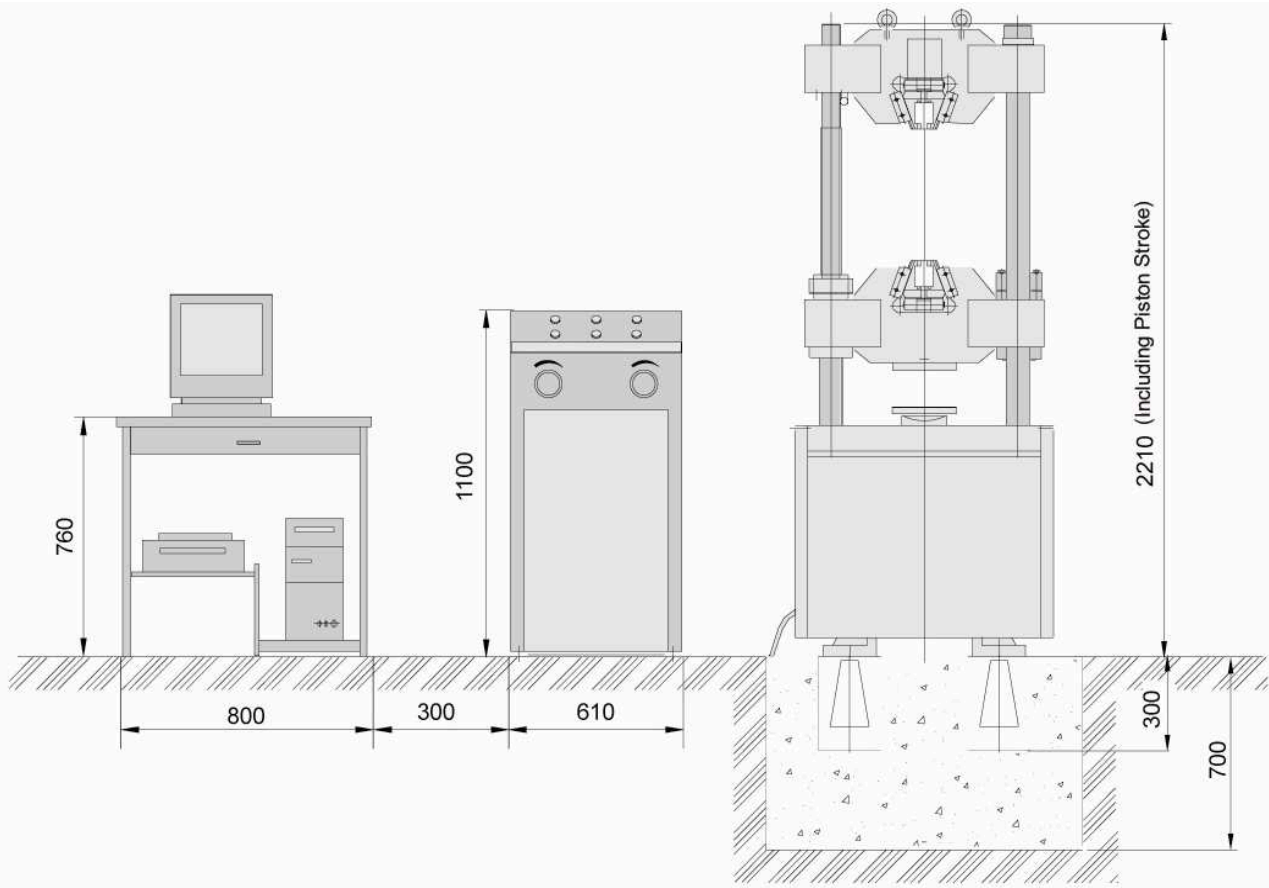
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Standard accessories of WEW-300D UTM

	Content	QTY	Picture
	Loadframe Two supporting columns and two leading screws structure. High intensity testing machine structure and crosshead, high stiffness to assure accuracy;	1 set	
	Control cabinet Manually control the inlet and outlet oil valves through two handwheels to control the oil quantity to apply load on specimen	1 set	
	Clamping jaws Jaws for round specimen: Φ 10- Φ 20mm, Φ 20- Φ 32mm Jaws for flat specimen: 0-15mm	Each 1 set Each 1 set	
	Compression test attachment Dimension: Φ 160 mm	1 set	
	Bending test attachment Span: 240mm Width of roller: 140mm Allowable camber (mm): 100mm	1 set	
	Tool kit Screw, Spanner, Socket Board etc.	1 set	
	Extensometer YYU-10/50 Standard gauge: 50mm Deformation: 10mm	1 set	
	Photoelectric encoder	1 pc	
	Oil transducer Model: CYB-12SA	1 pc	
	Data-processing system TIME WINWAW Software	1 set	
	Industry computer (Lenovo Brand) Intel Pentium E2200/Core 2 Duo 2.2G/ 1 G memory 160G Hard disk/ DVD-ROM/17" LCD screen	1 set	
	Laser Printer	1 set	
	Computer desk		
	<p>Note: Pictures is for reference only. Please make the objects as standard.</p>		



Original **DIMENSION & FOUNDATION**



(Unit: mm)



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Shipping Packages

Package Material: In fumigated wooden cases.
Be suitable for export delivery.

Wooden case 01

Table with 2 columns: Attribute (Content, Net weight, Gross weight, Dimension, CBM) and Value (Load Frame, 1700kg, 2000kg, 2200x1200x960 (mm), 2.53 m³)

Wooden case 02

Table with 2 columns: Attribute (Content, Net weight, Gross weight, Dimension, CBM) and Value (Control Part, 700kg, 800kg, 1500 x 1120 x 1400 (mm), 2.35 m³)

Total

Table with 2 columns: Attribute (Quantity, Total Gross Weight, Total CBM) and Value (Two wooden cases, 2800kg, 4.88 m3)

*The above weights & dimensions are just for your reference.
The final weights & dimensions should be subject to the delivery.