

UBO

UP-6180A Single-Column Universal Testing Machine



Uses

This machine is designed for quick and reliable tensile, compression, bending, shear, peel, loop tack and fatigue cycling on metals, tape, composites, alloys, rigid plastics and films, elastomers, textiles, paper, board and finished products.

Character

1. Using the computer as the main control machine plus the special testing software of our company can conduct all of testing parameter, work state, collecting data analysis, result display and printing output.
2. Have steady performance, high accuracy, powerful software function and easy operation.
3. Use the USA high-precision load cell. Machine accuracy is $\pm 0.5\%$.

Accessories

1. Suitable Grips that meet customer sample need.
2. Special peeling tools for peel test in tape film industry.
3. Software for test control, data acquisition and report.
4. English operation teach video.
5. Table computer is selectable.

BESTE Software functions

1. Use windows working platform, set all parameter with dialog forms and operate easy;
2. Using a single screen operation, do not need to change the screen;
3. Have simplified Chinese, traditional Chinese and English three languages, switch conveniently;
4. Plan test sheet mode freely;
5. Test data can be directly appeared in the screen;
6. Compare multiple curve data through translation or contrast ways;
7. With many units of measurement, the metric system and British system can switch;
8. Have automatic calibration function;
9. Have user-defined test method function
10. Have test data arithmetic analysis function
11. Have the function of automatic magnification, to achieve the most appropriate size of graphics;

Specification

Design Standards	ASTM D903, GB/T2790/2791/2792, CNS11888, JIS K6854, PSTC7 , GB/T 453,ASTM E4,ASTM D1876 , ASTM F2256 , EN1719 , EN 1939 , ISO 11339 , ISO 36 , EN 1465 , ISO 13007 , ISO 4587 , ASTM C663 , ASTM D1335 , ASTM F2458 , EN 1465 , ISO 2411,ISO 4587 , ISO/TS 11405 ,	
Model	UP-6180A	UP-6180B
Range of speed	0.5-1000mm/min	50-500mm/min
Motor	Japan Panasonic Servo Motor	AC Motor
Capacity choice	1、 2、 5、 10、 20、 50、 100、 200、 500kg optional	
Resolution	1/250 , 000	1/150 , 000
Effective testing space	120mmMAX	
Accuracy	±0.5%	
Operation method	Windows operation	
Accessories	computer, printer, system operation manual	
Optional accessories	stretcher, air clamp	
Weight	80KG	
Dimension	(W×D×H)58×58×125cm	
Power	1PH, AC220V, 50/60Hz	
Stroke protection	Upper and lower protection, prevent over preset	

Force protection	system setting
Emergency stop device	Handling emergencies