

TOUCHING SCREEN ELECTRONIC UNIVERSAL TESTING MACHINE

BANBROS ENGINEERING PVT. LTD. The Precision Measurement People

- > VALUE
- > VERSATILITY
- > **PERFORMANCE**



BWDTS-1

49/39, Site IV Ind Area, Sahibabad, Ghaziabad - 201010,

Uttar Pradesh, India

www.banbrosindia.com



DECRIPTION:

BWDTS-1 Electronic Universal Testing Machine is applicable for tensile, compression, bending, shearing, peeling and tearing test of metal materials and non-metal materials. They may add test methods or rules of other materials to customers' need. They are essential testing instrument for quality testing section, university and colleges, research institution and industrial and mining enterprise.

Load weighing system meets or exceeds the requirements of the following standards: ASTM E4, ISO 7500-1.

FEATURES:

1, Timing system adopts AC servo motor and in-phase belt deceleration unit, performance stable and reliable, with over-current, over-voltage, over-load protection function;

2, Transmission part adopts round arc in-phase belt, precision bear leading screw to drive, stable, low noise, and high efficiency.

3, Touching Screen display.

TECHNICAL SPECIFICATION:

Model No.	BWDTS-1		
Load capacity	1000N (1%100%)		
Frame proof load capacity	150% of rate capacity		
Load Accuracy	Class 1 according ISO7500-1		
Load cell overload capacity	150% of rate capacity		
Load measuring resolution	1/300000 FS, stepless		
Position / displacement resolution	0.01mm		
Crosshead travel	1150mm		
Tensile test space	800mm		
Compression test space	900mm		
Standard tensile test fixture	Screw action vice grip or scissor type grip		
Compression platen diameter	Ф100mm		
Testing speed range	0.01 mm/min \sim 500 mm/min, stepless, adjustable arbitrarily		
Weight	90kg		
Standard Power	220/110V, 50/60HZ, 1 phase		
Dimensions	520×410×1500mm		

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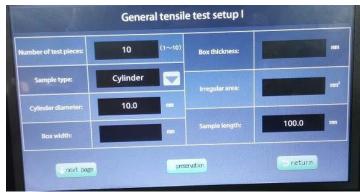
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STANDARD ACCESSORIES:

High Stiffness Frame	1 set		
Servo driving system: Servo motor:	1 set	J.	
Loadcell (1000N):	1 set		
Decelerator and deceleration system	1 set		
Leading screw: (Korean Taijing Precision ball leading screw)	1 set	TAIJING"	
Screw action vice grip or scissor type grip	1 set	ф Ф	
Compression test fixture(Ф100mm)	1 set	Ă	
Tool kit (screwdriver, spanner etc.,)	1 set		
Documents (Manual, packing list, certificate)			





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