

TENSILE TESTING MACHINE

MECHANICAL TOOLS & EQUIPMENTS

EJZ-S series Single-column Touch-screen Tensile Test Machine

Electronic Tensile Testing Machine is a simple tensile testing machine with simple structure and convenient operation and can be placed on the workbench for testing. It adopts an electronic control system, controls the rotation of the speed regulating motor through the governor and then drives the T-shaped screw to drive the load sensor to rise and fall after being decelerated by the speed change mechanism to complete the tensile or compression test of the sample. The force value is output by the sensor, the feedback display and the test speed are displayed in real time. It is easy and convenient to operate, and is especially suitable as a testing instrument for controlling product quality on the production line. This series of models is mainly suitable for the test of non-metallic and metallic materials with a test load.

Features

- Excellent appearance design. Our company has been paying great attention to the appearance of products for many years, and has developed many products that are comparable to foreign models. The surfaces are all aluminum profiles and electrostatic spray patterns.
- Digital liquid crystal display of force value, which can distinguish tension or pressure and the liquid crystal interface is clear and easy to read.
- Three measurement units: N-Kgf-Lbf are optional and can be automatically interchanged.
- LCD liquid crystal display with backlight, can be used in the environment with insufficient light.
- With a single measurement, the peak values in the two directions of tension and compression can be read and can be manually reset.
- With travel limit and overload stop function.
- The desktop single-column structure is beautiful and exquisite, and the operation is easy and natural while sitting.

Meet Standards:

ISO 37, ISO 2285, ISO 34-1, ASTM D2061AS 1180.2 GOST18299 ASTM D2290 ASTM D412



EJZ-S series

Ordering Information

Standard Accessories:

- User Manual
- AC power cord
- Standard clips set

Optional Accessories:

- Compress Fixture
- Textile Fixture
- 180° Tape Peeling
- Wire Fixture
- Plastic Fixture
- Plastic Three-Point Bending



Compress Fixture



Textile Fixture



180° Tape Peeling



Wire Fixture



Plastic Fixture

MODEL		EJZ-S-100	EJZ-S-200	EJZ-S-500	EJZ-S-1000	EJZ-S-2000
Capacity	N	100N	200N	500N	1000N	2000N
(Maximun Load)	Kg	10kg	20kg	50kg	100kg	200kg
	lb	22lb	45lb	110lb	220lb	450lb
Display Mode		Touch screen, can display the test value, the maximum value				
Test Speed		50-480mm./min, stepless speed chaning				
Degree of Disintegration		1/25,000				
Precision		Within ±1%				
Max Stroke		standard 600mm (can be customized)				
Speed Input		Knobs				
Data Sampling Frequency		10Hz				
Motor		AC motor				
Power Supply		220Vac, 50H (119V is available)				
Dimension		450x500x135mm				
Weight		About 90kg.				



Plastic Three-Point Bending