

WIRE CRIMP PULL FORCE TESTER

MECHANICAL TOOLS & EQUIPMENTS

ETH-series Electric Terminal Pull Tester ETH-U series Electric Terminal Pull Tester w/ USB ETH-P series Electric Terminal Pull Tester w/ Printer

This instrument is a kind of testing equipment developed for the wiring harness and electronics industry. This terminal tensile testing machine is specially used to detect the pull-off force of various wiring harness and terminal blocks.

Features

- This machine adopts advanced electronic control technology, equipped with high-precision control modules and transmission mechanisms. It automatically measures and displays tensile force values, with simple operation and accurate measurement. It can test peak tensile force and can also set upper tensile force limits and test duration to perform non-destructive tensile tests.
- The data center can store up to 16 programs, meeting the testing requirements for commonly used wires. Customers can modify the programs at any time according to actual production conditions.
- Automatic clamping adapts to changes in wire size and tensile force. The chuck can accommodate various sizes of wires and special terminal specifications can be customized at any time. The chuck can accommodate various sizes of wires and terminals and special specifications can be customized at any time.



ETH-series



ETH-U series



Chuck (Terminal plate)

Ordering Information

Standard Accessories:

- User Manual
- AC Power cord
- A set of wrenches

Optional Accessories:

- USB cable



Printer

MODEL	Standard	ETH-500	ETH-1000
	With USB	ETH-500U	ETH-1000U
	With Printer	ETH-500P	ETH-1000P
Function	Terminal crimping pull force test		
Measuring range		≥500N	≥1000N
Pull Stroke		40mm	
Test Speed		10 ~ 800mm/min	
Test Accuracy		±0.04N	
Program Storage		16 groups	
Display		Touch LCD screen	
Power Input		AC 220V, 50/60Hz, 100W	
Dimension		430 x 180 x 210 mm.	
Weight		10kg.	

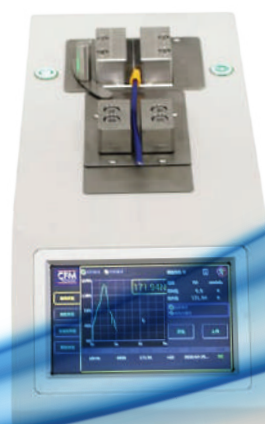
ECH-1000 Automatic Terminal Pull Tester

This is an intelligent wire harness tensile testing machine. When the test is completed, the tester automatically returns to the starting position and the peak force remains on the display. It can be used with MES system, can return text data or import MES system through USB data interaction.

Features

- Automatic reset after pulling off the terminal
- It is convenient to set system parameters such as test upper and lower limits, calibration and pull-off conditions.
- When the test force value exceeds the set upper and lower limits, automatically determine NG.
- Quick conversion between Kg, N and LB units
- Communication by USB data exchange returns text data or imports into MES system.
- Data display is real-time tension and peak tension can be displayed at the same time.
- Test data can be recorded, transmitted and cleared, which is convenient for data processing.
- Host computer: computer software.
- Terminal height test: height gauge can be connected.

MODEL	ECH-1000
Function	Pulling speed, destructive test, non-destructive test
Measuring range	0 ~ 1000N
Accuracy	0.05%
Resolution	0.01N
Max. Pull Stroke	14mm. (customized : 45mm)
Test Speed	0 - 100 mm/min (customized : 300mm/min)
Display	Touch LCD screen
Interface	USB host, USB device, LAN
Power Input	AC 220V, 50/60Hz Adapter: DC19V
Dimension	160 (W) x 400 (L) x 130(H) mm.
Weight	11kg.



ECH-1000

Parameter setting



Result of test w/ graph

Touch-screen panel display

Ordering Information

Standard Accessories:

- User Manual
- AC Power cord

Optional Accessories:

- USB cable