

CRIMP LOAD TESTERS – (PPT – 1000+)

Sai Paradise Machine Tools

Overview



Sai Paradise manufactured push pull tester is a sophisticated dual-range, motorized, and stand-top unit designed to measure pull-test forces of crimp and ultrasonic weld connections on a wide range of wires than single-range pull test devices.

Pull test values are critical parameters for quality control and assurance. This versatile PPT-1000 / 2000 model machine has two measuring ranges. It individually calibrates enabling the use of its 10 kg scale for small wires; while easily switching to its 100kgs scale for larger wires. This dual range capability ensures the highest accuracy for the widest range of applications. Hand operated pull test devices are bound to give inconsistent data depending on the operator or pull rate. Several standards specify that a test device must pull with a consistent rate.

The PPT-1000 / 2000 comes with a speed-controlled motor, which ensures consistent pull rates throughout the measuring range resulting in repeatable and accurate data. Pull forces can be measured in Kilograms and Newtons. The standard 12-position terminal holder accommodates a wide variety of terminals to suit most applications. A variety of terminal holders are available with us. They will be supplied upon request.

Features

1. Simple LCD display for easy programming
2. Digital pull force readout speed-controlled motor
3. Consistent pull rates throughout the measuring range

Applications

It is used in Wire harness industries, Automobile industries, Home appliance industries, Control panel manufacturing industries.

Technical Details

| | |
|------------------------|---|
| Operating Interphase | PLC With HMI (Touch Screen) |
| Pulling Speed | 0 – 100 mm variable speed pr min |
| Drive | Electric drive for wire pulling |
| Operation Mode Peak | Peak displays the peak value in kgf Max |
| Memory | upto 500 recipes can save |
| Power | 2.25 Kw |
| Power Supply | 440 V (50/60 Hz) |
| Display | HMI 7 INCH (Touch Screen) |
| Dimensions (L x W x H) | 600 x 600 x 1300 mm (23.62 x 23.62 x 51.18 inches) |
| Net Weight | 250 kgs (550.92 lbs) |
| Measuring Range | Upto 1000kg by resolution of 10 grams |
| Accuracy | +/- 0.5 Degree C |
| Temperature Range | Operation 10 – 40 Degree C Storage 0 – 60 Degree C (rF less than 80%) |