

## Heat Seal Tester

The Testronix Heat sealer is a very important and widely used instrument for the paper and packaging & flexible films manufacturers. This instrument ensures proper sealing strength of labels. It also has an adjustable feature of setting the value of pressure. It has temperature controllers for both the jaws of the machine making the machine even more precise. The instrument also comes with a built in timer controller. Testronix also provides an option a 3 different jaws as per the need and requirement of the customer.

Testronix Heat Seal Tester ensures quality accuracy and precision this makes it user friendly.

The specimen is exposed to consistent pressure and heat in a fixed period of time. This procedure helps in measuring the heat seal performance of films, plastic films which are used in packaging different food products.

The instrument also adheres to international test standard like Standards: ASTM F 2029



### Specification-

- Equipment Range: Ambient to 350°C
- Sealing Temperature Working range: Ambient to 230°C
- Accuracy:  $\pm 1^{\circ}\text{C}$
- Dual Temperature controllers
- Least Count/Resolution:  $0.1^{\circ}\text{C}$
- Power: 220V, Single phase, 50 Hz
- Sealing size: 1) 150x 15 mm
  - 2) 300 x 15 mm
- Temperature Controller: 4 digit PID
- Dwell Heat Seal time: 0.1 – 99.9 sec
- Heat Sensor with Platinum Resistance Temperature Detector (RTD)
- Sealing Pressure: 2- 6 Bar

### Features-

- Seal Pattern : Straight line/Plain/Diamond Knurling
- Microprocessor based display
- Single Pushbutton operation after setting PID temperature and time
- PID temperature controller for highest level of controls and repeatability
- Dimensions: 400 x 367 x 483 mm
- Mild steel powder coated body

