TESTRONIX®
QUALITY TESTING INSTRUMENTS

I-10A, DLF Industrial Area, Phase-1,
Faridabad 121003, Haryana, India
• P : +91 9971040808
• E : info@testronixinstruments.com

Heat seal tester 300mm

The Testronix heat seal tester or the heat sealer is an accurate instrument which has a wide application in the flexible films and packaging industry. This is a consistent tool which helps in providing the flexible film manufacturer with the seal strength or the heat seal strength of the laminate and flexible films. The instrument consists of jaws which have a pneumatic operation with the help of which sealing can take place easily and more accurately. The instrument also has a PID digital controller and temperature controller for both jaws. The testronix heat seal tester has a digital LED display. The 300 MM heat seal tester has wide jaws and provide consistent sealing ability of the sample

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**

TESTRONIX®
QUALITY TESTING INSTRUMENTS

I-10A, DLF Industrial Area, Phase-1,
Faridabad 121003, Haryana, India
• P : +91 9971040808
• E : info@testronixinstruments.com

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

Specifications

- Equipment Range: Ambient to 350ºC
- Sealing Temperature Working range: Ambient to 230ºC
- Accuracy: ± 1ºC
- Dual Temperature controllers
- Least Count/Resolution: 0.1ºC
- Power: 220V, Single phase, 50 Hz
- Sealing size: 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