

## HEAT SEALER - 500 MM



Heat Sealer is a consistent tool used to perform sealing on flexible packaging product and other thermoplastic materials using pressure and heat by maintaining temperature. 4B Testing Heat Sealer is manufactured under various Test Standards such as ASTM F 2029.

- Highly accurate test results under pneumatic pressure control.
- Single push button operation after setting PID temperature and time.
- Microprocessor based display for accurate test results.
- Digital Preset timer.
- EN 31 hard and temper setting jaw material.
- Strong heating jaws for performing tests.
- No slippage in case specimen is placed uniformly without any loops.
- Guide rod mechanism for efficient control sealing.
- Bright LED display for temperature and timer.
- Independent adjustment of temperature for upper & lower jaws.
- PID temperature controller for highest level of controls and repeatability.

**4B Testing** heat sealer is used to measure the heat seal performance of composite films, plastic films such as PP, PE used is packaging different food product such as milk powder, instant noodle, food, washing powder and drugs.

## Key Specifications:

|                                   |                                                                |
|-----------------------------------|----------------------------------------------------------------|
| Equipment Range                   | Ambient to 350°C                                               |
| Sealing Temperature Working range | Ambient to 230°C                                               |
| Accuracy                          | ± 1°C                                                          |
| Least Count/Resolution            | 0.1°C                                                          |
| Power                             | 220V , Single phase, 50 Hz                                     |
| Sealing size**                    | 500 X 15 mm<br>other size also available 300x15 mm & 150x15 mm |
| Temperature Controller            | 4 digit PID                                                    |
| Dwell Heat Seal time              | 0.1 - 99.9 sec                                                 |
| Timer                             | 4 Digit Digital                                                |
| Heat Sensor                       | Pt-100, Platinum Resistance Temperature Detector (RTD)         |
| Sealing Pressure                  | 2 - 6 Bar                                                      |

\*\*Any one size options can be chosen as per requirement

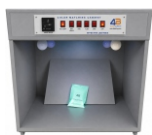
## Highlights:

|                        |                                                                     |
|------------------------|---------------------------------------------------------------------|
| Temperature Controller | PID 7 segment display                                               |
| Timer                  | Digital Preset type                                                 |
| Heat Source            | Cartridge Heaters                                                   |
| Seal Pattern           | Straight line, Plain & Diamond Knurling<br>(select any one pattern) |
| Test Performed         | Heat Seal                                                           |

\* Air Compressor is not part of supply

## Other models available :

- 150 mm & 300 mm sealing jaws length on request.

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| Color Matching                                                                      | Gloss Meter Triangle                                                                | Wall Thickness Gauge                                                                | Moisture Analyzer                                                                   | Carbon Black Content                                                                  | Fume Hood                                                                             |

## Contact us:

## 4B TESTING EQUIPMENTS PVT LTD

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