



Product Code . JL-LS-5109

Laboratory Heat Sealer

Description

Laboratory Heat Sealer

It is a machine used to seal products like thermoplastic materials, packaging material using heat.

Heat sealing helps to join two different materials one of which consist of thermoplastic layer.

Heat Sealing is the process of sealing one thermoplastic material with another using pressure and heat together.

The method of sealing utilizes a constantly heated sealing bar or die to apply heat to a specific contact path or area to weld the thermoplastic together.

The laboratory heat sealer is used for multiple applications like heat seal connectors, films, thermally activated adhesives, foil sealing or plastic ports.

To operate the machine, the force to be exerted on the film sample can be adjusted from 15 to 180kg as per the need.

The temperature of the machine is adjustable.

It is a fully pneumatic model that has digital display and based on microprocessors.

Features:-

Three different patterns of jaws available:- Plain, Straight line, Diamond Knurling.

The force to be applied and the temperature range are adjustable.

It is possible to adjust upper and lower jaws of the machine at different temperatures.

The laboratory equipment is equipped with an imported P.I.D. temperature controller.

Dwell time can be adjusted from 0.0 to 9.9 seconds.

The machine is completely microprocessor based with digital display.

Sealing lengths optional – 150 mm, 300 mm, 500 mm.
