Heat Sealer

Objective:
This machine is to test many conditions for sealing aluminum-laminated film in terms oftemperature, pressure, and time.

1. Method:	Air-cylinder: Diameter 50mm, Stroke: 50mm
2. Sealing Bars:	Upper Bar 1) Size: 5~25 width (to be defined by User) x 300 length in mm 2) Heater: 450W 3) Material: Aluminum w/ PTFE coated Lower Bar 1) Size: 40 width x 320 length in mm 2) Heater: 450W 3) Material: Iron w/ r-3 plated 4) Silicon Rubber Sheet: 40 x 320 5 in mm
3. Timer:	Digital, 0.1 ~ 99.9 sec.
4. Temperature:	50 ~ 300 Celsius Degree Control: Digital PID thermal control on both bars
5. Pressure:	5Kgf/cm2, air-filter
6. Start Trigger:	Foot-switch
7. Utility:	AC100V 50/60Hz
8. Dimensions:	approx. 720 x 400 x 540 in mm
9. Weight:	approx. 55kg

Application: Advanced energy
Product type: Machinery
Production scale: Lab, Pilot
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