



TECHNICAL DETAILS

Lab Heat Sealer i9™ (DIGITAL)

Sturdy Lab Heat Cellar with Digital Controls



Page 1 of 2

UNMATCHED LIFETIME BUYBACK WARRANTY



OVERVIEW

The Heat Sealer is mainly used in packaging industries and industrial laboratories for the purpose of sealing one thermoplastic to another using heat and pressure. The direct contact method of heat sealing utilizes a constantly heated die or sealing bar to apply heat to a specific contact area or path to seal or weld the thermoplastics together.

Paramount Heat Sealer i9™ is a highly advanced testing instrument which is used to perform sealing on flexible packaging products, and other thermoplastic materials. The Equipment is capable of creating very high temperatures for testing and studying the effect on different thermoplastic materials that are used in plastic and packaging industries and other industrial laboratories



SALIENT FEATURES

- To Determine and Perform Sealing on –flexible Packaging and Thermo Plastic material with Heat and Pressure in the specified time
- Separate Digital Temp. Controller with PID Controls for Upper and Lower Plate along with digital timer
- Pressure is pneumatically controlled for accurate results.
- Easy installation & Low Maintenance
- High heating capacity from ambient to 2500 C
- Strong Base Plate with Rugged structure
- Supplied complete with Calibration Certificate (**Traceable to NPL**)



Sales (24x7) : +91 999 999 1080, +91 9999 8899 33
Customer Care : +91 999 999 8037, +91 999 00 999 61

sales@paramountinstruments.com
www.paramountinstruments.com



TECHNICAL SPECIFICATIONS



Power Supply	: 220/230 V, Single phase,
Heat Source	: Cartridge Heater
Accuracy	: ±20 C
Temperature Range	: Ambient to 250° C
Timer	: Digital 4 Digits
Sealing Pressure	: 2 – 6 Bars
Temperature Control	: PID temperature controller
Power supply control	: Solid State Relay-25 amp
Lift Mechanism	: Pneumatic
Overall Dimension	: LENGTH x DEPTH x HEIGHT 630mm x 310mm x 520mm
Net weight of the unit	: 60kg (132lbs)

RELATED STANDARDS



ASTM F 2029

STANDARD ACCESSORIES



1. Main Unit	: 01 No.
2. Pneumatic controller	: 01 No
3. This User's Manual	: 01 No.
4. Calibration Certificate	: 01 No.
5. Inspection & Conformance Certificate	: 01 No.

EXCLUSIVE BENEFITS



WOW Customer SERVICE



Complete **Peace of Mind**



LIFETIME Buy Back
Warranty



QUALITY EXCELLENCE
is Our Forte.

ISO 9001 : 2015



We CARE for Our
Environment.

ISO 14001 : 2015



HEALTH & SAFETY
Is Our Priority.

ISO 45001 : 2015



Sales (24x7) : +91 999 999 1080, +91 9999 8899 33
Customer Care : +91 999 999 8037, +91 999 00 999 61

sales@paramountinstruments.com
www.paramountinstruments.com