Maxflex
Better Choice for Clear Aligners



MaxForm L1 Lite

Thermoforming Machine

Heater Benefits

An advanced heater ensures uniform heating and high thickness retention, for predictable clinical outcomes.

Multi-Sheet Compatible

Supports thermoforming of 105mm square sheets and is compatible with 120/125mm circular sheets for greater flexibility in sheet material selection.

Fit Performance Benefits

Following thermoforming with the L1 Lite, porosity remains below 0.2%. The sheet achieves tight adhesion to the model surface, improving clinical outcomes of the aligner.

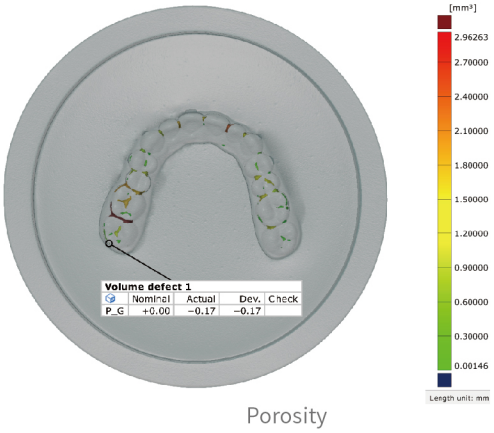
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MaxForm L1 Lite - Thermoforming Machine

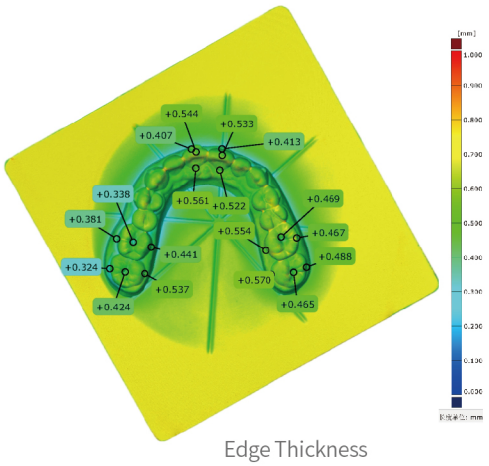
MaxForm L1 Lite supports dental sheets in various applications with 120/125mm round sheets and 105mm square sheets (especially for clear aligner sheet), within a sheet thickness range of 0.4-5.0mm.

It is suitable for attachments, clear aligners, retainers, sports mouth-guards, night guards and other applications.

- **Excellent fit:** The system provides sufficient force for the sheet to fully adapt to the model meeting clinical geometry requirements and delivering predictable treatment outcomes.
- **Greater thickness for larger force:** The uniform heating unit, thermoformed parts produced from the 0.76mm clear aligner sheet deliver 0.1mm higher residual thickness than comparable systems, preserving greater orthodontic force to meet clinical expectations and ensure reliable treatment outcomes.
- **Occam's razor inspired design:** Less is more. Pre-set air pressure values and fixed temperature configurations deliver streamlined operation. Design refinements deliver superior performance. It features a dedicated 105mm square sheet, perfectly matched to Maxflex 105 specification aligner sheets.



Porosity



Edge Thickness

Technical Specifications

Working Pressure	1.0-4.2bar	**Model Dimensions**	LWH≤58.5×74.9×20mm
Air Source Requirement	≥5.0bar	**Throughput**	240pcs/8h
Heating Power	700W	**Cycle Time**	2mins
Setting Temperature	220°C	**Net Weight**	10kg
Control Method	Physical buttons (no touch screen)	**Dimensions**	240×290×280mm
Supported Sheet Size	Ø120/Ø125mm round; 105 mm square	**Input Voltage**	110/220VAC, 50/60Hz
Sheet Thickness	0.4-5.0mm	**Rated Power**	750W

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