



MaxForm L3/L3S

Vacuum Forming Machine



Simple & Safe Operation

Fully automatic operating mode; the equipment features safety design to prevent finger pinching.



Precise & Efficient Operation

Heating and thermoforming molds are precisely matched, ensuring stable performance, fully automated operation, and time-saving.



Wide Sheet Compatibility

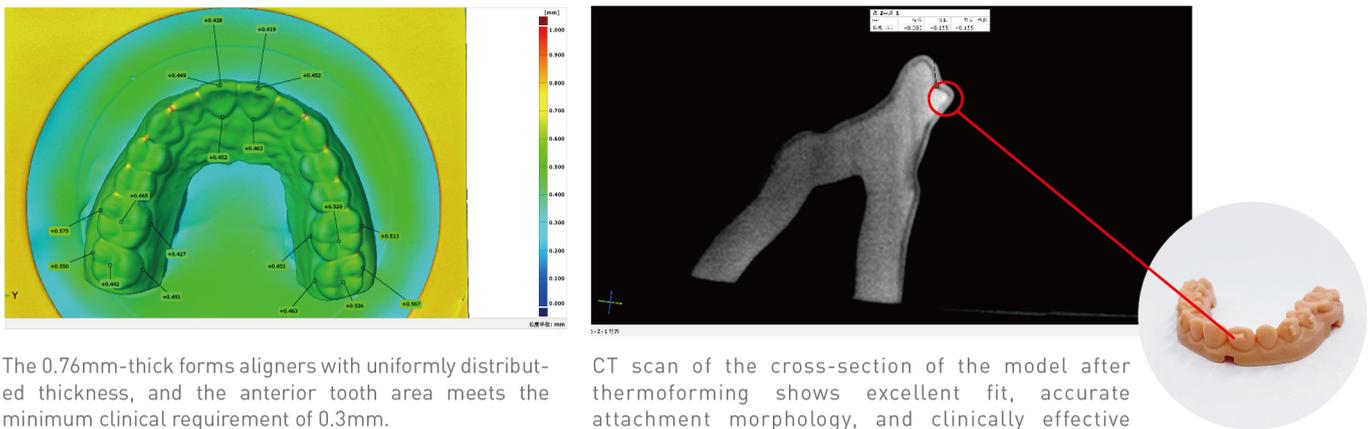
Thickness: 0.4–3.0 mm (square or round sheets); compatible with two models: 102/127 mm square sheets and 125 mm round sheets.

MaxForm L3/L3S - Vacuum Forming Machine

MaxForm L3 series support dental sheets in various specifications, including 125mm round sheets, 127mm square sheets, and 102mm square sheets, with a thickness range of 0.4 to 3.0 mm.

It is suitable for manufacturing clear aligners, retainers, and sports mouthguards.

The formed aligners exhibit comparatively thicker than industry standards while maintaining excellent adaptability, providing sufficient orthodontic force to fulfill the clinical requirements of clear aligner treatment.



The 0.76mm-thick forms aligners with uniformly distributed thickness, and the anterior tooth area meets the minimum clinical requirement of 0.3mm.

CT scan of the cross-section of the model after thermoforming shows excellent fit, accurate attachment morphology, and clinically effective aligner seating.



Equipment Parameters

Input Voltage:	110-220V~50/60 Hz
Output Voltage:	24V
Rated Power:	900W
Infrared Constantheating Temperature:	220°C
Work Pressure:	Air source pressure $\geq 0.5\text{Mpa}$ (the vacuum degree is -93Kpa)
Dimensions(LxWxH):	260×158×318mm
Weight:	7.9KG
Size:	L3 is suitable for 127mm square sheets &125mm round sheets L3S is suitable for 102mm square sheets

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