



MaxForm L2

Automatic Dual-Aligner Pressure Thermoforming Machine



Significant Cost Reduction

Compared with single model, by using special designed ϕ 133mm sheet, the cost of the sheet can be reduced up to 40%.



Clinical Verification

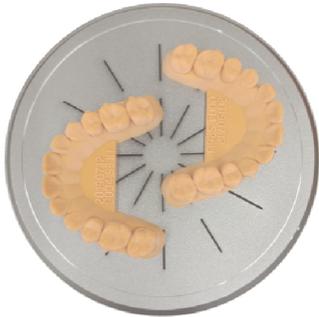
Dual-aligner thermoformed aligners have been tested by industrial CT and have uniform thickness. More than 100,000 aligners have been clinically tested, fit more than 95% cases.



Extra Long Heating Element Service Life

The equipment uses refined heating components and provides stable temperature control; The service life of the heating element can reach 20,000 hours.

MaxForm L2 - Automatic Dual-Aligner Pressure Thermoforming Machine



Based on many years of experience in forming invisible orthodontic aligners and an in-depth understanding of the rheological behavior of polymer materials, Maxflex's new era thermoforming machine improves existing equipment and undergoes detailed clinical verification to propose a new technology process of dual models, doubles the production efficiency for aligner manufacturers. The product design is based on the concept of "Continuous Improvement and Sustainable Development" of Maxflex, making it easier for users to operate, maintain, and be more durable.

Significant Cost Reduction and Efficiency Increase: Compared with pressing one aligner with 120mm/125mm sheet , Maxform L2 can produce two aligners with 133mm sheet at one time, which improves material utilization significantly.

Uniform Aligner Thickness: The thickness of the two aligners is evenly distributed after industrial CT scanning.

Dual Model Applicable Range: Clinical trials have exceeded 100,000 aligners, and double-thermoforming machine can be applied to most cases of small and medium-sized arches.

High Thickness Utilization: Through optimized pressure and temperature conduction, compared with traditional thermoforming, the aligner thickness is increased by about 0.05~0.1mm and thinner sheets can be used to achieve the same aligner effect.

Long Service Life of Heater: Adopting uniform temperature control ceramic heater, compared to traditional thermoforming machine , the service life of heater can reach more than 3 times.

Automatic Operation: With one-button start, the whole process is efficient and fast in a short cycle time.

Compatible with Two Specifications: Equipped 2 types of mountings , supporting the switching of ϕ 125mm/133mm dental sheet.

Equipment Parameters:

Product Name	MaxForm L2
Pressure	0.5-4.5bar
Power	1.2kw
Heating Power	800W
Size	450*450*620mm
Weight	75kg
Control Method	Touch screen and physical buttons
Supported Sheet Size	Round shape with ϕ 125mm, ϕ 133mm



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