



MaxTrim T2

Five-Axis Linkage Dual-Model Aligner Trimming Machine



Cost Reduction and Efficiency Improvement

Dual model trimming can be completed within one minute, which greatly reduces production cost and improves production efficiency.



User Friendly

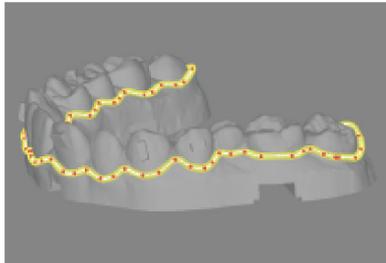
Use equipped fast visual scan facility MaxScan to obtain processing files to avoid manual operation errors.



Designable Trimming Line

The advanced OrthoCurve gingiva line software developed by Maxflex, support automatic line generation and rapid adjustment functions.

MaxTrim T2 - Five-Axis Linkage Dual-Model Aligner Trimming Machine



OrthoCurve- Dual Model Version Dedicated Gingiva Line Generation Software

- OrthoCurve can match any orthodontic design software through synchronizing model editing module.
- Equipped with an exclusive dual model trimming module, it automatically generates dual model trimming line.
- Highly flexible and easy to operate, it can handle a variety of aligners production demands.



Cost Saving: Two aligners can be finished at the same time within one minute, and the material cost can be reduced by 40% when used with a dual model thermoforming machine.

Stable Trimming: Compared with manual trimming, MaxTrim T2 provides high efficiency and stable consistent product quality.

Excellent Quality: Equipment accuracy is $\pm 0.01\text{mm}$, the trimming edge is almost burr-free with less after-polishment.

Wide Applicability: It can be flexibly matched mostly any orthodontic design software around the world, and supports trimming multiple thicknesses (0.5mm~2.0mm), multiple materials (PETG, TPU, etc.) and multiple types of sheets (single-layer, double-layer and Composite sheets).

Easy to Operate: Any dual models can be randomly placed in MaxTrim T2 to obtains processing file by MaxScan without misplacement; vacuum positioning can quickly be set within in 1 second.

User-friendly operation: The vacuum quickly adsorbs the film sheet in just 1 second. It can be used in conjunction visual recognition device, allowing random placement of any model from the same case. The device automatically identifies and sends it to the trimming machine.



Equipment Parameters:

Equipment type	Five-axis linkage
Power	White
Input	Aviation aluminum
Trimming method	Single/Dual
Trimming positioning accuracy	$\pm 0.01\text{mm}$
Spindle speed	Max 60,000rpm
Spindle power	800W
Display type	10.1-inch LCD Touchscreen
Aligner fixation method	Groove+ Vacuum adsorption
Trimming time	25-30s/pc
Equipment size	670×580×585mm
Equipment net weight	100kg
Matching table	1080×600×870mm
Net weight of table	105kg(Include vacuum & dust collector)

Shanghai Maxflex Medical Technology Co.,Ltd