Maxflex
Better Choice of Invisible Aligner

MaxTrim T2

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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.
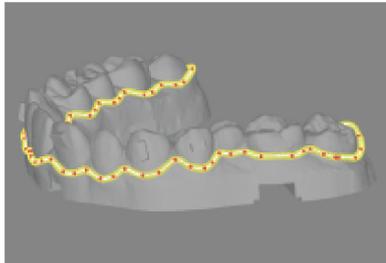
User Friendly

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

Designable Trimming Line

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

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

OrthCurve- Dual Model Version
Dedicated Gingiva Line Generation Software

· OrthCurve can match any orthodontic design software through synchronzing 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 ±0.01mm, the trimming edge is almost burr-free with less after-polishment.

Wide Applicability: It can be flexibly matched with 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.

Wide Applicability: It can flexibly match any orthodontic design software around the world and supports trimming multiple thicknesses (0.5~2.0mm), multiple materials and multiple types sheets (single layer, double layer and composite sheets).

Equipment Parameters:

Equipment type	Five-axis linkage
Exterior	White
Material	Aviation aluminum
XYZ positioning accuracy	±0.01mm
XYZ repeat positioning accuracy	±0.02mm
Spindle speed	60,000rpm
Spindle power	800W
Display type	10.1-inch smart touch screen
Material fixation method	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	100kg (Include vacuum & dust collector)

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