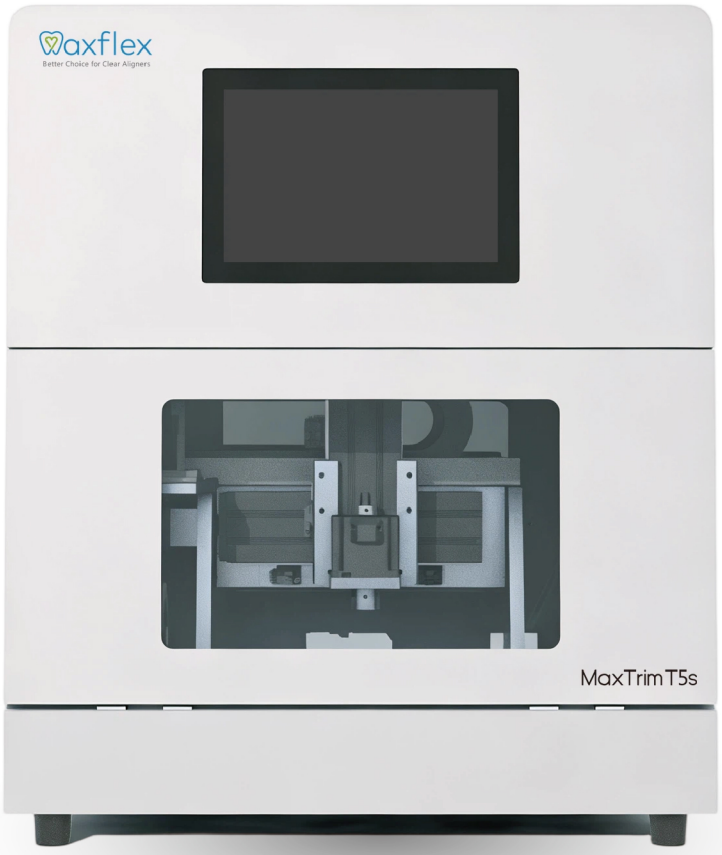
Waxflex
Better Choice for Clear Aligners



MaxTrim T5s

Chairside 4-Axis Laser Trimming Machine

Fast Trimming Speed

Each aligner trimmed in just 10–16 seconds — dramatically faster than manual methods.

Same-Day Aligners

From scan to finished aligner within hours — patients receive their aligners on the same day, dramatically shortening the treatment start cycle.

Superior Edge Quality

Precise laser edge quality delivers smooth, well-defined aligner margins right off the machine — minimal post-trimming polish required.

Maxflex
Better Choice for Clear Aligners

MaxTrim T5s - Chairside 4-Axis Laser Trimming Machine

The MaxTrim T5s chairside laser trimming machine designed for dental clinics, delivering fast, same-day finishing for mild to moderate aligner cases — compact, precise, and beautifully built for the in house aligner practice.

- **Chairside Design:** Design aligners chairside in one visit — no outsourcing, no waiting for off-site design, the entire workflow stays in your clinic.
- **Safety & Eco Care:** With a fully enclosed protective shield, the system is certified 'Class 1' — the only laser class regarded as inherently safe, even when viewed with optical instruments. Your team operates it like any other benchtop device.
- **No Model Separation:** Aligners can be thermoformed and removed directly without separating the printed model, saving labor and avoiding model damage or rework.


Laser trimming


Physical trimming

Technical Specifications

Equipment Type	4-Axis Laser Trimming
Trimming Time	10-16s/pc
XYZ Positioning Accuracy	±0.02mm
Electric Motor	High performance servo motor
Gas Source	External compressed air (≥4.0bar)
Laser Type	CO_2
Laser Power	30W
Wavelength	9.3μm
Laser Class	Class 1
Cooling	Air-cooling
Filter	Primary: filter sponge; Secondary: PP filter paper; Tertiary: activated carbon
Exterior	White

Construction Material	Aviation aluminum
Display	10.1" LCD touch screen
Aligner Sheet Diameter	Ø120/Ø125mm round; 127mm square
Aligner Sheet Thickness	0.4-1.0mm
Applicable Materials	Most materials
Throughput	960pcs/8h
Material/Aligner Fixation	Mechanically retained
Fixture Type	Maxflex V1/V2
Trimming Line Software	OrthoCurve V3.5/Agixlab Lite Maxflex
Net Weight	106kg
Dimensions	570×583×680mm
Input Voltage	220VAC, 50/60Hz
Rated Power	1.6kW

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