

Detailed specifications

Scan Technology	Imaging Technology	Structured light imaging
	Anti-Fogging Technology	Spontaneous heating with windless anti-fog
Handpiece	Dimensions (L × W × H)	240 × 49.5 × 30.5 mm
	Weight	240 g
Scanner Tip	Scan Area	Standard: 14 × 15 mm Mini: 12 × 9 mm
	Autoclavable	Up to 100 cycles
	Sterilization	134°C for 6 minutes
Scan Accuracy	Single Crown	≤ 15 µm
	Full Arch	≤ 40 µm
Scan speed	Single Arch	30 s
	Full Arch	90 s
Connectivity	Method	One cable
	Type	USB 3.0 / Type-C
Data	Output Format	STL, PLY, OBJ
	Transmission	Cloud
Calibration	Calibration	Calibration-free
Advanced Mode	Control	Remote control
Software Functions	Functions	AI Scan, True Color Scan, Metal Scan, Impression Scan, Implant Scan body Matching, Margin Line Detection, Model Builder, Health Report, Case Cloud Sharing, Orthodontic Simulation
Recommended System Requirements	Processor	Intel Core i7-9700 or higher
	Memory	16 GB RAM or higher
	Storage	256 GB SSD or higher
	Graphics	NVIDIA GeForce RTX 3060 (8 GB) or higher
	OS	Windows 10 (64-bit) or newer
	Display	1920 × 1080 resolution or higher



INTRAORAL SCANNER THE DIGITAL BRIDGE BETWEEN CLINIC AND LABORATORY



ANTI-FOGGING

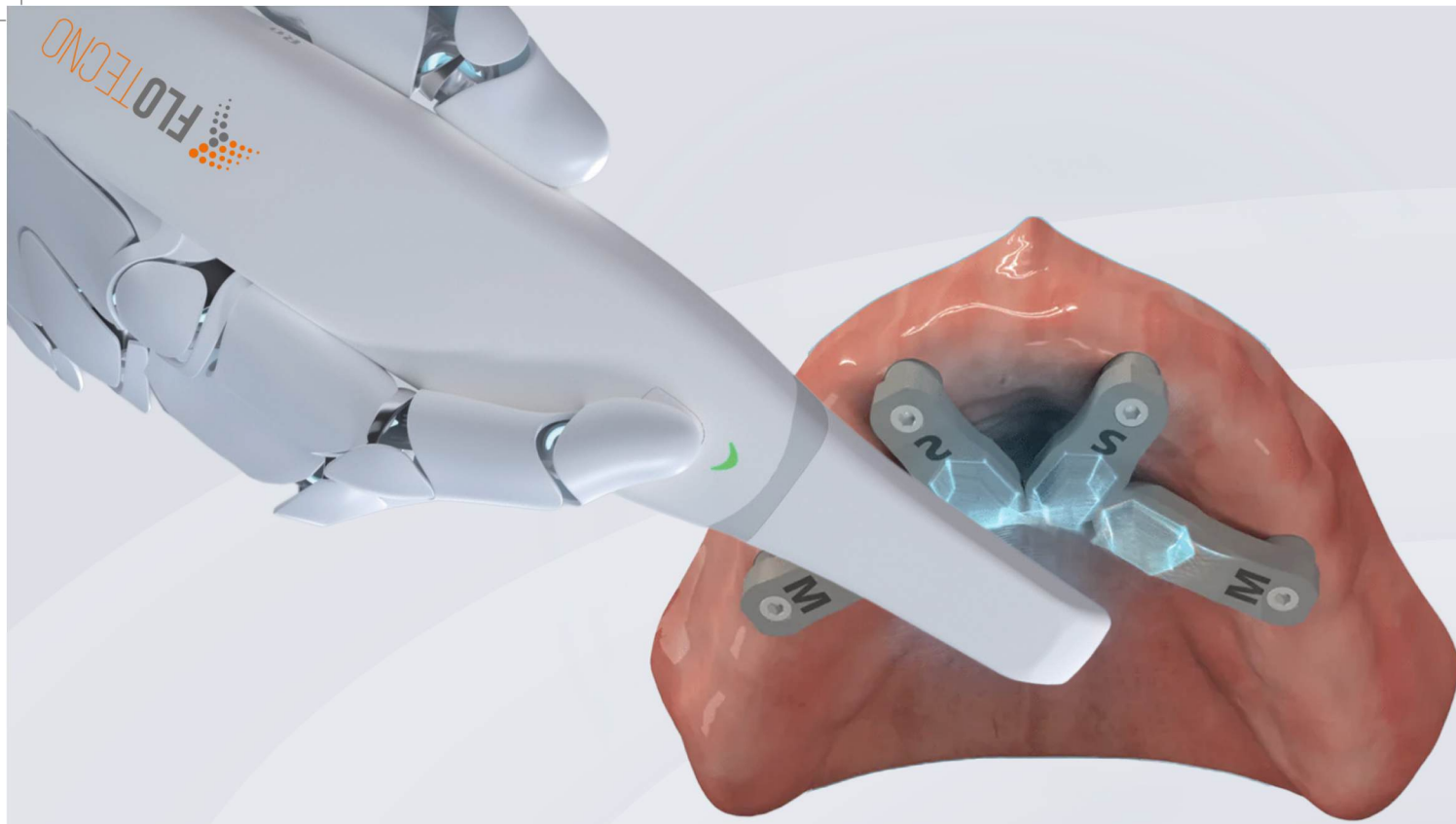


CALIBRATION FREE FEATURES



SMART REMOTE SENSING FOR ONE-CLICK,
HANDS-FREE SCANNING CONTROL

AI
AI SCAN



FLOTECNO is a next-generation intraoral scanner designed to deliver a seamless digital workflow between dental clinics and laboratories. By combining AI-powered scanning, true-color imaging, and calibration-free technology, FLOTECNO transforms how digital impressions are captured, processed, and shared.

Advanced Digital Scanning, Made Simple

FLOTECNO enables fast, accurate, and comfortable intraoral scanning—even in complex clinical and implant cases. Its intelligent software and ergonomic hardware provide exceptional ease of use while delivering laboratory-grade precision.

Key Benefits

- AI-powered scanning that intelligently filters soft tissue and artifacts in real time for cleaner digital models
- Automatic anti-fog system ensures clear, uninterrupted scanning
- True-color imaging for highly realistic digital impressions
- One-click operation with a single-cable connection for an effortless workflow
- Real-time cloud processing and secure storage for instant access and collaboration



Why Dental Laboratories Prefer FLOTECNO

- Clean, accurate STL files
- Superior margin clarity
- Precise implant scan-body alignment
- Reduced adjustments and remakes
- Seamless digital workflow from clinic to lab

Calibration-Free Advantages

- Zero calibration required for instant deployment
- High accuracy with consistent, repeatable results
- Reduced setup time and operational complexity
- Minimizes calibration-related errors
- Optimized for rapid, field, and continuous scanning

