



MAXIMIZE YOUR

WOW

FACTOR

 **MED-LOGICS, INC.**

HOW TO WOW

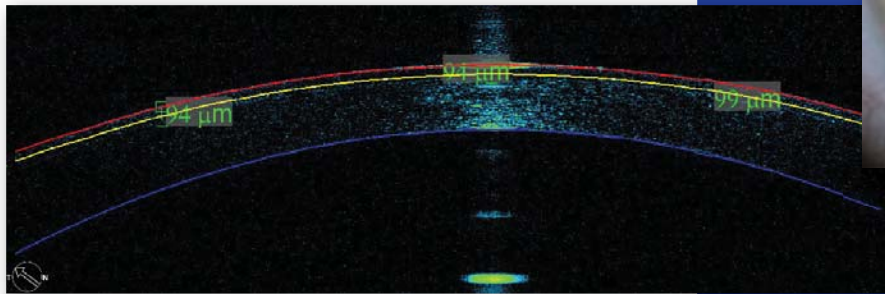
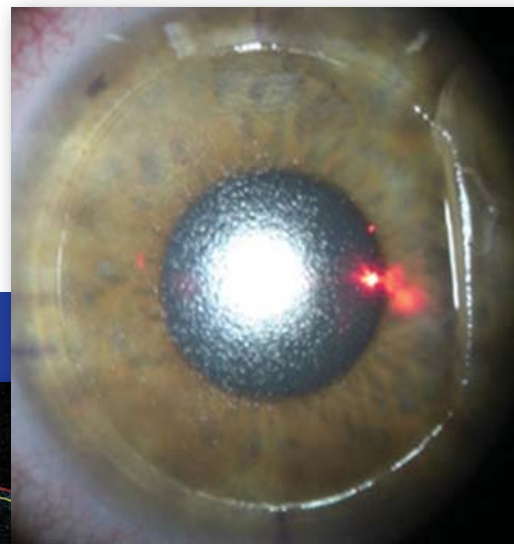
The WOW Factor is that moment when your patient lifts their head up and is overwhelmed with emotion because they can actually see the detail on the clock across the surgery room.

It is a moment that your patients never forget. We at MED-LOGICS want to work with you to achieve that WOW Factor with every single one of your patients.



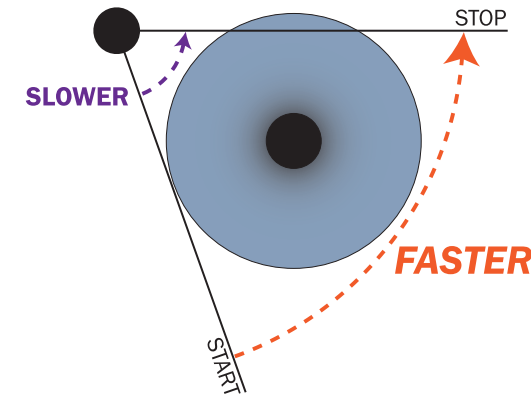
For the maximum WOW Factor, your flaps must be:

1. **PLANAR**
2. **SMOOTH**
3. **THIN**



WHY OTHERS CAN'T

Rotating Microkeratomes Can't



Differing speeds in the arc create an uneven flap thickness.

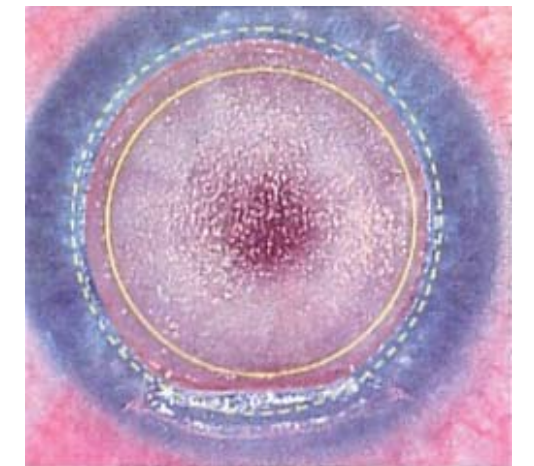
The ML7 microkeratome creates a smooth, PLANAR flap by using a constant linear movement across the eye, controlled by load compensation software.

Femtosecond Lasers Can't

Femtosecond lasers cannot create a smooth separation of tissue, rather they use energy to create bubbles in the cornea, which are dissected with a blunt spatula by the surgeon.

Femtosecond lasers can take the WOW out of LASIK. The excessive energy and blunt dissection of the bubbles can cause edema and leaves a rougher surface of microscopic peaks and valleys. There is also potential for femtosecond laser specific complications like Transient Light Syndrome and Gas Blow-Through.

The ML7 microkeratome creates a smooth separation of tissue, maintaining the clarity required by any type of optic lens. This allows your patient to notice improved vision immediately following surgery.



WOW, THAT'S SIMPLE



Blade Shuttle

- No-contact blade insertion
- Automatically positions blade for easy assembly

Quick Flap Creation

- Flap creation in less than 7 seconds
- Automatic return to starting position



Easy to control console

- Variable vacuum control with large, easy-to-read displays
- Constantly reads motor speeds and adjusts to create consistent flaps
- Backup battery for continued operation after a power loss

Consolidated footswitch

- Durable, consolidated design
- Dustproof and waterproof
- Anti-slide feature



WOW, THAT'S ADVANCED

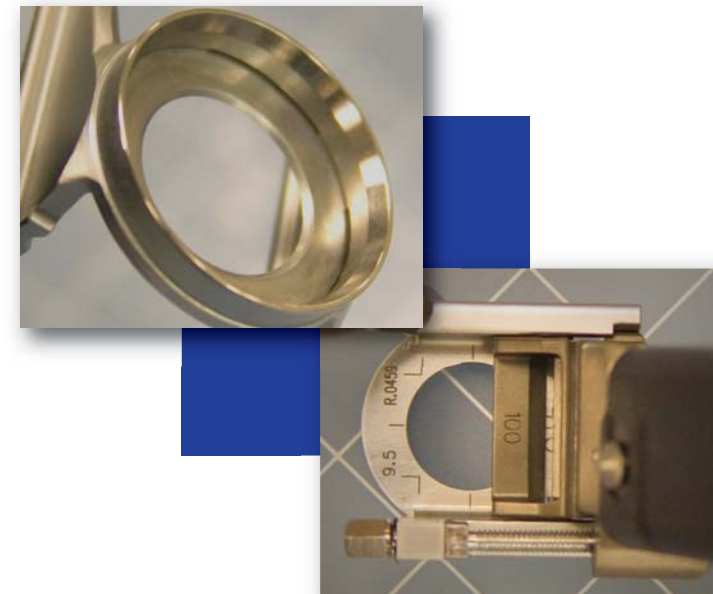


Ergonomic Handpiece

- No assembly on the eye
- 360° hinge positioning
- Lightweight and comfortable

Proprietary Head Geometry

- Epithelium friendly shape and coating
- Applies constant pressure to prevent buttonholes and create PLANAR flaps
- Open design to see the flap while it's cut



Vacuum Rings

- Elevated linear bearing
- Fits difficult eyes, including small, deep-set eyes
- Vacuum slits
- Centration marks

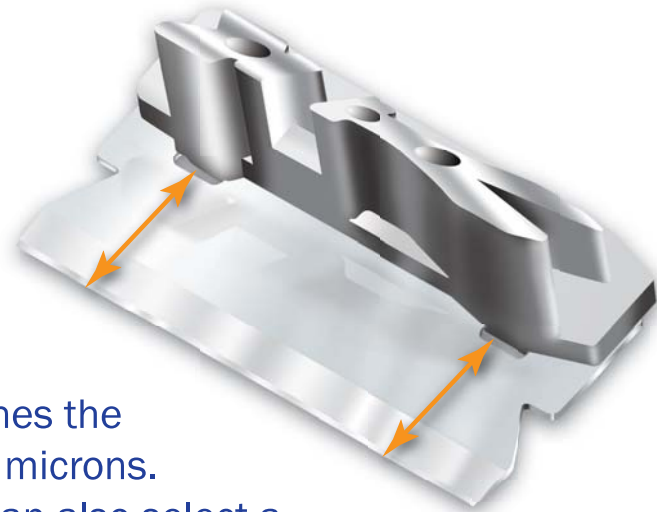


WOW, THAT'S ACCURATE

MORE THAN JUST LASIK



The MED-LOGICS Calibrated LASIK Blade (CLB®) offers surgeons the precision and flexibility needed to ensure every patient experiences the WOW Factor. The Critical Dimension that determines the projected depth of cut is controlled to +/- 5 microns. Beyond this unrivaled precision, surgeons can also select a Plus or a Minus CLB®, depending on the unique characteristics of the patient, to customize the flap to the patient.



EPI-LASIK

The features and advancements of the ML7 microkeratome have also been applied to EPI-LASIK with the ML7 EPI-head and blades.

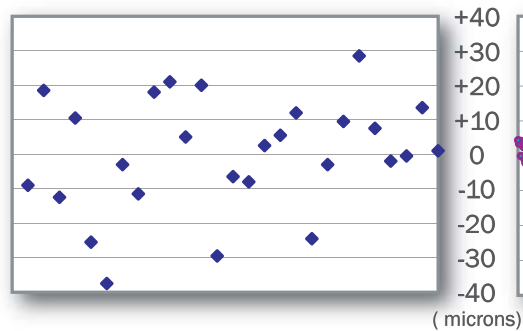
- Blade made from medical grade plastic, designed to remove the epithelium and leave a smooth stromal surface.
- Consistent, software controlled blade oscillation speed and advancement rate.
- Adjustable vacuum level can be optimized for EPI-LASIK.



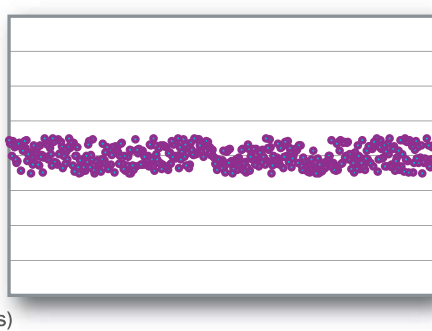
CustomFlap™ Options						
CustomFlap™ Thickness Options (in microns)	MINUS 30 CLB®	MINUS 20 CLB®	MINUS 10 CLB®	PLANO CLB®	PLUS 10 CLB®	PLUS 20 CLB®
100 Micron ML7 Head	70	80	90	100	110	120
130 Micron ML7 Head	100	110	120	130	140	150

Accuracy of the Critical Dimension

Traditional LASIK Blades



CLB®



DSAEK

ML7 DSAEK System addresses all of the known variables in the DSAEK procedure, including:

- Pressure accuracy & adjustability
- Microkeratome head accuracy and options
- CLB® Options

This system allows the user to optimize the cut by selecting a unique head, CLB® option, and pressure. Controlling pressure is vital in DSAEK, just as controlling vacuum is in LASIK.





The power to WOW.



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