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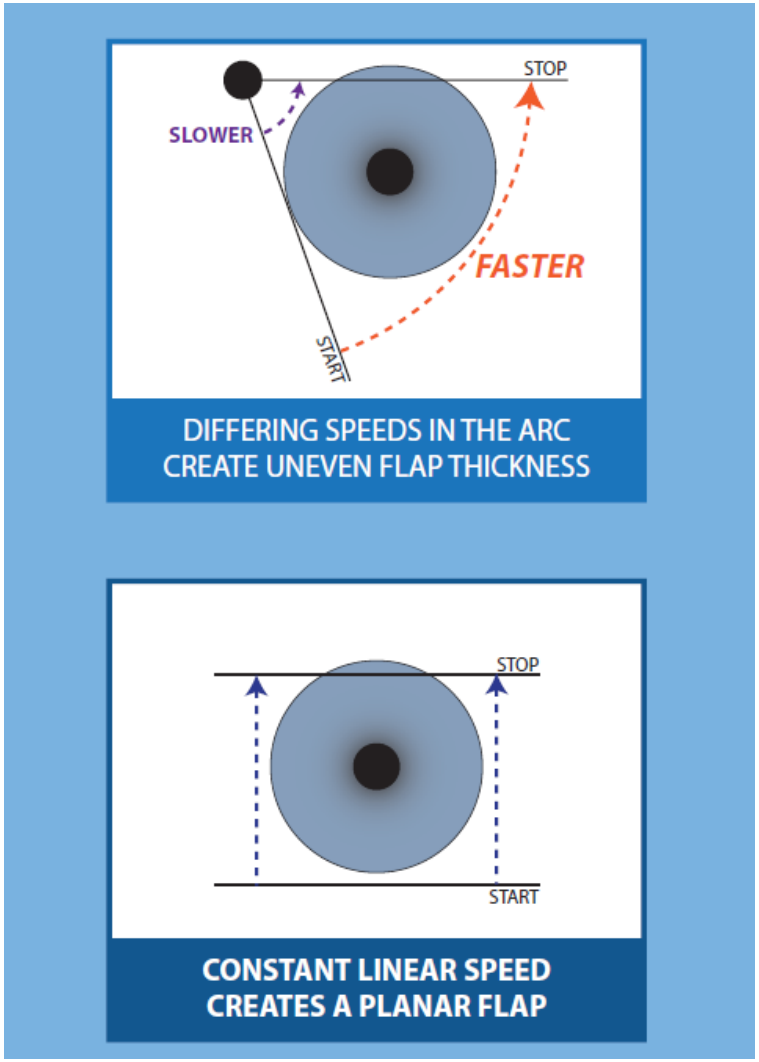
Key Features and Comparisons of the

MED-LOGICS ML7 Microkeratome

Planar Flap vs Meniscus Flap

- **Hansatome**[1] **and M2**[1] creates flaps through an arcing motion
  - Area closer to the center of the arc will cut slower while area furthest away from the center will cut faster
  - This will result in a thicker flap area where it is slower, and thinner where it is faster
- **ML7** creates flaps through linear motion & software control
  - All areas of the flap experience the same speed
  - This creates a planar flap



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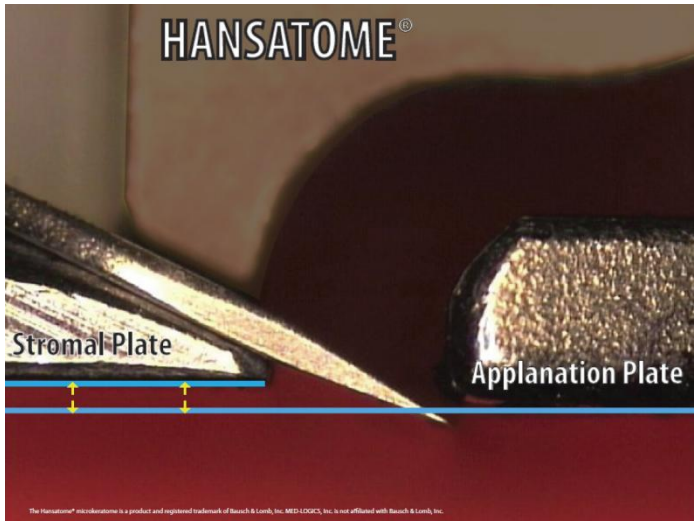
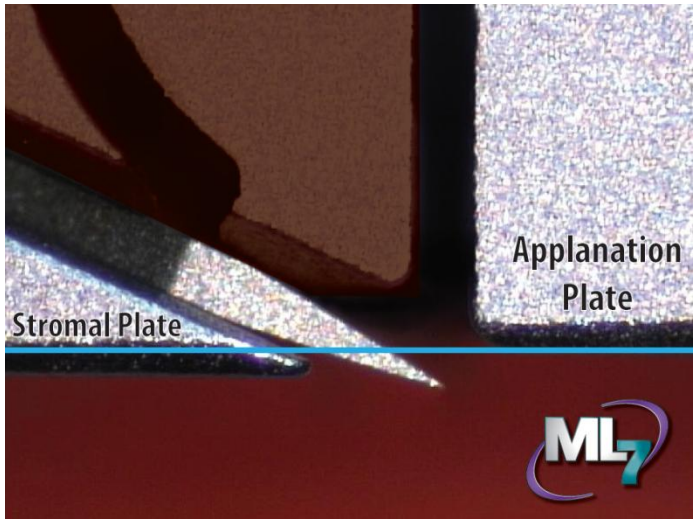
[1]See Notes last page

Button-Hole Free Design*

- **Hansatome[1] and Moria[1]**
  - Applanation plate is lower than stromal plate
  - IOP can change as applanation plate passes center of cornea which could lead to button-holes
- **ML7**
  - Stromal plate is lower than applanation plate
  - Replaces space where flap tissue has been removed
  - More constant IOP prevents button holes





* Patent Pending

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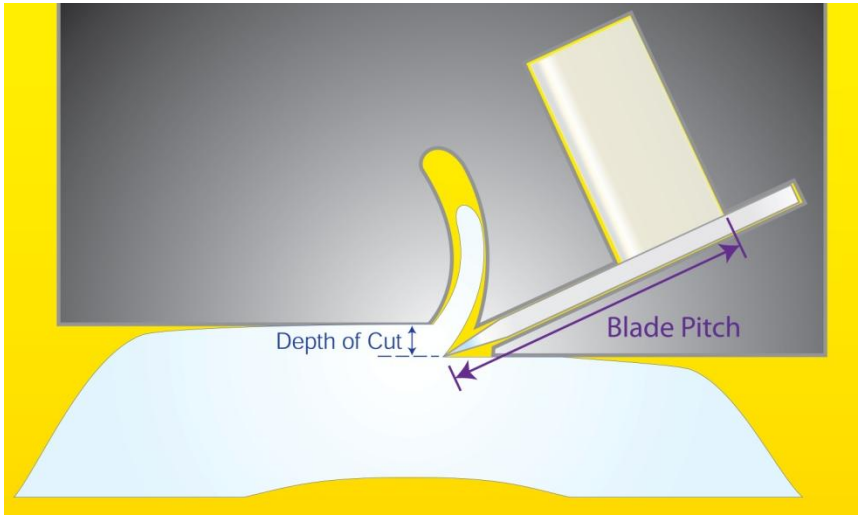
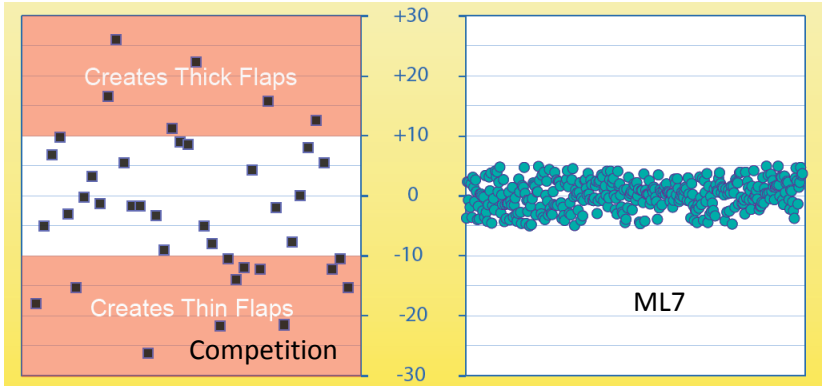
[1]See Notes last page

Calibrated LASIK Blades (CLB®)

- CLB® extension is measured from tip of blade to rear of head
  - As blade engages tissue, this position represents the true extension of the blade into the cornea
  - This is known as "*rear datum" registration*
- Blades are individually calibrated during production to +/- 5 microns
- The results are consistent flaps with the greatest accuracy on the market
- +/- 5 Micron accuracy allows us to make blades calibrated from -30 microns to +20 microns, in 10 micron increments – thus the term "Calibrated LASIK Blade"





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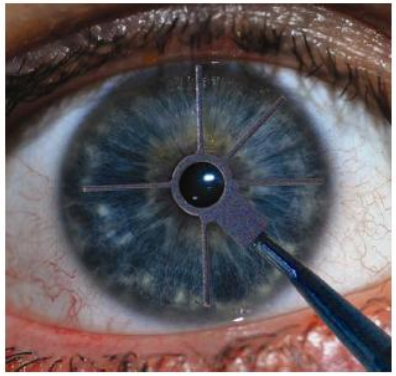
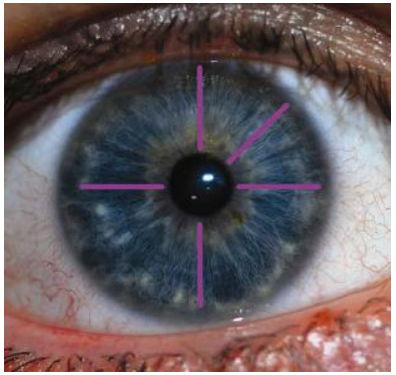
Consistent Flap Centration – Your Choice of Orientation

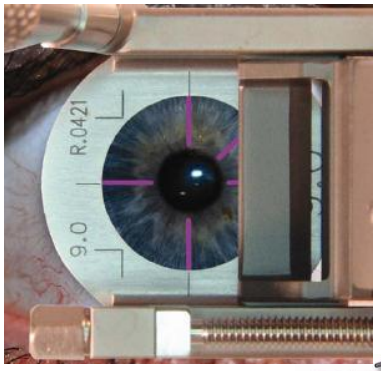
- Select ***nasal, superior or temporal*** hinge
- Center the marker over visual axis
- Orient marker lines per preferred hinge placement





- Confirm marks are centrally located on cornea

- Position assembled vacuum ring on cornea by matching cornea markings with lines on vacuum ring
- Activate vacuum and confirm cornea markings remain aligned before creating flap
- Surgeon knows exactly where flap will be created prior to cut – only device on market capable of this



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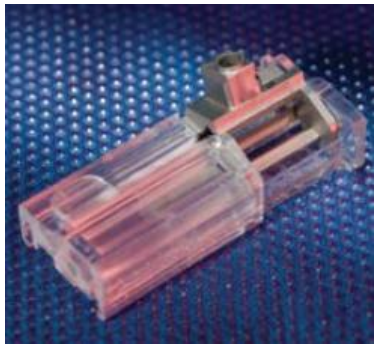
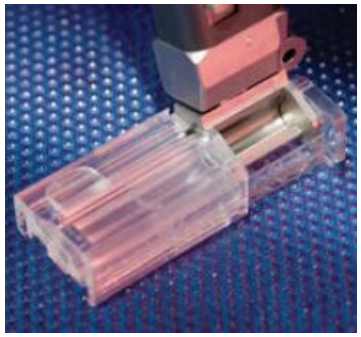
Calibrated LASIK Blade (CLB®) Shuttle

- **ML7**
  - Blade is delivered to the head via a no-touch shuttle system
  - Blade delivery shuttle eliminates human contact, thus reducing chances of blade damage
  - Head / blade is then mated to the handpiece
  - As a result, the blade remains in pristine condition
  - Improves efficiency





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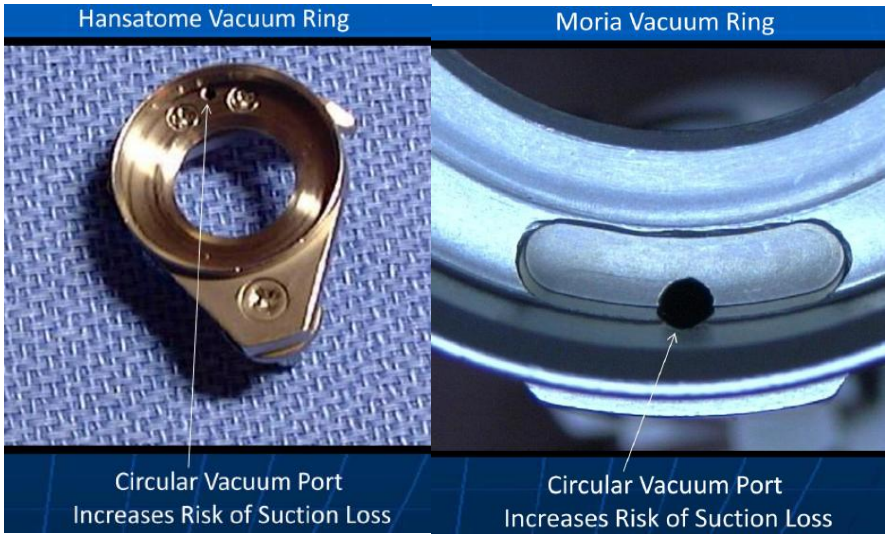
Vacuum That Can Be Depended On

- **Hansatome[1] / Moria[1]**
  - Single, circular vacuum port
  - Exposed to increased risk of suction loss & pseudo-suction
  - Can bias position of vacuum ring on eye



- **ML7**
  - 4 Extended vacuum slits spaced 90º apart virtually eliminates chance of suction loss
  - Distributes vacuum evenly – no bias

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[1]See Notes last page

Single Assembly Handpiece / Vacuum Ring

- Two motor handpiece does not require disassembly and reassembly on or between each eye
- 7 Second flap creation, from “vacuum on” to vacuum off”
  - Improves patient comfort
- No assembly on the eye
- Lightweight and comfortable for you and your patient
- Quick connect head and vacuum ring design
- Ergonomic shape

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Vacuum On Demand, Load Compensation

- Vacuum On Demand
  - Ability to precisely set vacuum level
  - Visual confirmation of actual vacuum level applied to the eye at the vacuum ring
  - Results in precisely controlling another variable in the procedure – leading to more accurate flaps
- Load Compensation
  - As blade/handpiece encounters additional load, software controls blade cutting speed
  - Results in consistent, planar flaps

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Conclusions

- The MED-LOGICS ML7 Microkeratome consistently delivers flaps that:
  - Are thin
  - Are accurate
  - Are planar
  - Have smooth stromal bed
- In combination the Calibrated LASIK Blades (CLB®), the ML7 can produce flaps that are consistently less than 10 microns standard deviation
- No other microkeratome system on the market contains this collection of unique, beneficial features that consistently delivers predictable results.

MED-LOGICS ML7: *Thin, Planar, Smooth*

Notes

The Hansatome® microkeratome is a product and registered trademark of Bausch & Lomb, Inc. MED-LOGICS, Inc. is not affiliated with Bausch & Lomb, Inc.

The M2 microkeratome is a product of and Moria® is a registered trademark of Moria Surgical, S.A. MED-LOGICS, Inc. is not affiliated with Moria Surgical, S.A.